German Red Cross

Emergency Response Units

Item Specifications
General Requirements for Shipping, Packing and Labelling of Emergency Response Unit Items

Shipping:
Delivery is made exclusively on new Euro pallets which meet the IPPC standard.
As a rule, single items must not exceed a packing size of 80 x 120 cm.
Items must be ready to use but also optimized to reduce shipping volume (e.g. tiltable or demounted handles for pumps or generators)

Packing:
As a rule, items which are part of a kit (e.g. MAJOR TRAUMA BACKPACK KIT) must be delivered as a prepacked kit with appropriate/specified casing and contents list featuring expiry dates if applicable
In general, environmentally friendly packaging material must be used economically.

Labelling:
Each palett/parcel must be labelled at least with:
- GRC code
- Inventory number (for orders/replacement of expired items)
- GRC purchase order number

Accompanying Documents:
If the nature of the items so requires, further documents (e.g. quality or origin certificates, warranty certificates, safety data sheets) have to be enclosed with the delivery.
Medical or technical devices must always be accompanied by printed operating instructions in German and English. These must also be made available in a digital form/soft copy in the appropriate data format (*.pdf, *.docx, *.xlsx).
Expiry dates of items must be mentioned in the shipping documents and where applicable in the packing lists.

Standards/Certifications:
All items must have CE marking that indicates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area (EEA).
All items must be ready to use (e.g. engines filled with oil), meet the EU-OSHA occupational safety and health standards and must be designed considering user comfort (e.g. a health worker’s wearing duration of PPE is 8 – 12 hours).
0001 (body bag) PAD, ABSORBENT, adult, child

Highly Fluids Absorbent disposable sheet, lining for body bag, used to absorb body fluids in case of contagious infectious disease (haemorrhagic fever, cholera...) Position first the absorbent pad on the whole surface of the body bag before placing the body.

Technical specifications
- Pad made of compressed powder
- Absorbent on both sides (no waterproof layer at the top or bottom)
- Absorption capacity:
  - Adult size: 20 litres water/ 11 litres of NaCl (equivalent to body fluids)
  - Child size: 12 litres water/ 6 litres of NaCl

Dimensions
- Adult size: 200 x 60 cm
- Child size: 130 x 40 cm

Absorption capacity: min. 5 liters
- Resistant to 0.5% chlorine solution
- Color: white
- Size: approx. 150 x 75 cm

Single use purpose
- Shelf life: Min. 5 years

0002 ANTI-FOG SPRAY, for goggles

Anti-fog spray for goggles
Nanotechnology: high-quality sealing/impregnation
Environmentally friendly: water-based, without toxic/hazardous content
VENTURI MASK KIT, adult, non-sterile, disposable

Adult, non-sterile, single use only, aerosol mask with venturi valves providing:
- Soft chin, nose and side seals for patient comfort
- Chin seal for under or over chin positions - better fit for a wider range of patient face shapes
- Incurved nose seal to prevent oxygen and aerosolised drugs entering the patient's eyes
- No metal nose clip - MRI compatible
- Elasticity to be positioned under or over the ears

Dimensions, weight and materials:

<table>
<thead>
<tr>
<th>Weight (g)</th>
<th>Mask</th>
<th>Oxygen tubing</th>
<th>Limb &amp; connector</th>
<th>Cup</th>
<th>Venturi valves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width (mm)</td>
<td>100</td>
<td>33</td>
<td>14</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>Height / Length (mm)</td>
<td>125</td>
<td>1800</td>
<td>150</td>
<td></td>
<td>65</td>
</tr>
<tr>
<td>Approx. dead space (ml)</td>
<td>139</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>TPE</td>
<td>PVC</td>
<td>LDPE</td>
<td>PP</td>
<td>PP</td>
</tr>
<tr>
<td></td>
<td>PP</td>
<td></td>
<td></td>
<td>PP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Elastic</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Venturi valves:

<table>
<thead>
<tr>
<th>Colour</th>
<th>Blue</th>
<th>White</th>
<th>Orange</th>
<th>Yellow</th>
<th>Red</th>
<th>Green</th>
</tr>
</thead>
<tbody>
<tr>
<td>O2 concentration (%)</td>
<td>24</td>
<td>28</td>
<td>31</td>
<td>35</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>Recommended O2 flow (l/min)</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>8</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>Total flow to patient (l/min)</td>
<td>53</td>
<td>45</td>
<td>47</td>
<td>43</td>
<td>42</td>
<td>30</td>
</tr>
</tbody>
</table>
Certification:
CE0120 Class 2A

Applicable Standards:
BS EN ISO 13485: Medical devices — Quality management systems — Requirements for regulatory purposes
ISO 15223-1: Medical Devices - Symbols to be Used with Medical Device Labels, Labelling, & Information to be Supplied
BS EN 13544-2: Respiratory therapy equipment – Tubing and connectors
BS EN ISO 5356-1: Anaesthetic and respiratory equipment. Conical connectors. Cones and sockets
BS EN 13544-3: Respiratory Therapy Equipment: Part 3: Air entrainment devices

Shelf life: min. 5 years

0004a BODY BAG, infectious disease, white, 6 grips, adult, 2.5x1.2m, 300um

Bag used for packing and transporting contagious human corpses
100% leak-free body bag
Color: White
Special liner reinforced material (2plies)
Size: 2500 x 1200mm
Thickness: 300micron
2 weldings over length 50mm from side
Zipper U-shape: zipper completely free with 2 runners with tie rip loops on each runner
6 non splintering handles
Non-PVC and Non-degradable
Biodegradable: no
In the ground the body bag will remain solid for a period between 7 to 10 years

Shelf life: 10 years

0004b BODY BAG, infectious disease, black, 6 grips, adult, 2.5x1.2m, 300um

Bag used for packing and transporting contagious human corpses

100% leak-free body bag

Color: Black

Special liner reinforced material (2plies)

Size: 2500 x 1200mm

Thickness: 300micron

2 weldings over length 50mm from side

Zipper U-shape: zipper completely free with 2 runners with tie rip loops on each runner

6 non splintering handles

Non-PVC and Non-degradable

Biodegradable: no

In the ground the body bag will remain solid for a period between 7 to 10 years

Shelf life: 10 years

0005a BODY BAG, infectious disease, white, 6 grips, child, 1.5x1.0m, 300um

Bag used for packing and transporting contagious human corpses

100% leak-free body bag

Color: White

Special liner reinforced material (2plies)
Size: 1500 x 1000mm
Thickness: 300micron
2 weldings over length 50mm from side
Zipper U-shape: zipper completely free with 2 runners with tie rip loops on each runner
6 non splintering handles
Non-PVC and Non-degradable
Biodegradable: no
In the ground the body bag will remain solid for a period between 7 to 10 years
Shelf life: 10 years

**0005b BODY BAG, infectious disease, white, 6 grips, child, 1.5x1.0m, 300um**

Bag used for packing and transporting contagious human corpses
100% leak-free body bag
Color: Black
Special liner reinforced material (2plies)
Size: 1500 x 1000mm
Thickness: 300micron
2 weldings over length 50mm from side
Zipper U-shape: zipper completely free with 2 runners with tie rip loops on each runner
6 non splintering handles
Non-PVC and Non-degradable
Biodegradable: no
In the ground the body bag will remain solid for a period between 7 to 10 years
Shelf life: 10 years
<table>
<thead>
<tr>
<th>REF.</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>0006</strong></td>
<td>BOOTS, rubber, white, pair, size 39</td>
</tr>
<tr>
<td><strong>0006a</strong></td>
<td>BOOTS, rubber, white, pair, size 38</td>
</tr>
<tr>
<td><strong>0007</strong></td>
<td>BOOTS, rubber, white, pair, size 40</td>
</tr>
<tr>
<td><strong>0007a</strong></td>
<td>BOOTS, rubber, white, pair, size 42</td>
</tr>
<tr>
<td><strong>0008</strong></td>
<td>BOOTS, rubber, white, pair, size 44</td>
</tr>
<tr>
<td><strong>0008a</strong></td>
<td>BOOTS, rubber, white, pair, size 46</td>
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<tr>
<td><strong>0009</strong></td>
<td>BOOTS, rubber, white, pair, size 48</td>
</tr>
<tr>
<td><strong>0009a</strong></td>
<td>BOOTS, rubber, white, pair, size 52</td>
</tr>
<tr>
<td><strong>0009b</strong></td>
<td>BOOTS, rubber, white, pair, size 54</td>
</tr>
<tr>
<td></td>
<td>OT-boots, white/grey, according to EN347 and ISO6112</td>
</tr>
</tbody>
</table>

**0010** CBRN PROTECTIVE TAPE, 25m roll, yellow

- 25 meter roll
- 5 cm wide
- patented chemical resistant tape
- excellent chemical barrier protection
- for taping assecoires like gloves and boots to suits
- for tightening leakages
- tested to the breakthrough of various aggressive chemicals
- the necessary addition in usage of chemically protection suits and gloves

Colour: yellow
OVERALL, PROTECTIVE, Tychem C, hooded, yellow, size L

OVERALL, PROTECTIVE, Tychem C, hooded, yellow, size M

OVERALL, PROTECTIVE, Tychem C, hooded, yellow, size XL

OVERALL, PROTECTIVE, Tychem C, hooded, yellow, size XXL

OVERALL, PROTECTIVE, Tychem C, hooded, yellow, size XXXL

Personal protective equipment that fully covers the wearer's body from head to ankles. Intended to be worn over a surgical tunic and trousers to protect medical and non-medical staff from exposure to inorganic chemicals and infective biological agents (e.g. Ebola).

Specifications
Manufacturer: DuPont Tychem C, CHA5®
Norms
Disposable coverall against biological hazards (EN14126) - according to EN13982-1 type 5, EN13034 type 6, EN14605 type 4, personal protection equipment category III according to European legislation or equivalent US legislation
Protective clothing (PPE) Category III complex design:
- Chemical protective clothing Types 3, 4, 5, 6
- Protective clothing against infective agents Type 3B (liquid tight) and/or 4B (spray tight)

Meets the following European standards requirements:
EN 340: 2003 Protective clothing, general requirements

Norms applicable to the fabric:
EN 368/EN ISO 6530: Resistance of materials to penetration by chemicals liquid
EN 14126: 2005. Protection against infective agents from risk groups 1,2,3,4
ISO 16603 : Determination of the resistance of protective clothing materials to penetration by blood and body fluids, test method using synthetic, under hydrostatic = 20 kPa - Class 6/6
ISO 16604 : Determination of resistance of protective clothing materials to penetration by blood-borne pathogens, test method using Phi-X 174 bacteriophage, under hydrostatic = 20 kPa - Class 6/6
ISO 22612 : Test method for resistance to dry microbial (bacteria) penetration = log cfu ≤ 1 - Classe 3
ISO 22611 : Test method for resistance to penetration by biologically contaminated aerosols, using Staphylococcus aureus = log ratio >5 - Class 3/3
ISO 22610 : Test method to determine the resistance to wet bacterial penetration, when subjected to mechanical rubbing = > 75 min - Classe 6/6
EN 14325 : 2004 : Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages
  Abrasion resistance: >2000 cycles/Class 6 of 6
  Flex cracking resistance: >100 000 cycles/Class 6 of 6
  Trapezoidal tear resistance: at least Class 3 of 6
  Tensile strength (max. tear): Class 2 of 6
  Puncture resistance: Class 2 of 6
  Resistance to ignition: at least Class 1 of 3

Norms applicable to the whole coverall

EN 1073-2 : 2002 : Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination = Class 1/3
EN 1149-5 & EN 1149-1 : Electrostatic properties = Class 2
EN ISO 13935-2 : 2004 : Determination of maximum force to seam rupture using the grab method = >125N, level 4/6
EN 14605 : 2005 : Protective clothing Types 3-4: Protection against liquid chemicals (spray-tight)
  ISO 17491-3 : 2008 : Test methods for clothing providing protection against chemicals - Part 3: Determination of resistance to penetration by a jet of liquid (jet test) = pass
  ISO 17491-4 : 2008 : Test methods for clothing providing protection against chemicals - Part 4: Determination of resistance to penetration by a spray of liquid (spray test) = pass
EN ISO 13982-1 : 2004 : Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing) = pass
EN 13034 : 2005 : Performance requirements for chemical protective clothing offering limited protective performance against liquid chemical - (type 6 clothing) = pass

Technical specifications
  Substrate of Tyvek® fabric (spunbonded olefin sheet made of high density polyethylene fibres) with additional polymeric coating
  Particle tight and waterproof fabric
  Stitched and taped seams for better seam strength and to makes it completely leak-proof and waterproof
  Elastic thumb-loops latex-free attached to the end of the sleeves
  Zipper: nylon on polyester braid with self-adhesive protective flap
  Lint-free, latex-free, halogen compounds-free
  Elastic integrated hood with self-adhesive chin flap
  Elastic cuffs and ankles
  Elastic waist
  With loops for thumb
  Thickness: 180 μm
  Colour: yellow
  Unit presentation, non sterile, for single use
0015 DRAWSHEET, disposable, plastified, absorbable, ca. 60 x 60 cm

Small disposable protection sheet made of one absorbent side and one watertight side. It is used to protect the bed linen during treatments.

Specifications
Material: cellulose with a layer in polyethene (PE)
Technical specifications
• Size: +/- 60 x 60 cm
• 1 watertight plastic side
• 1 absorbant side made of cellulose
• Non sterile, disposable

Packaging: depends on the brand by 28, 50, 100 etc. but never by piece

Personal protective equipment

0016 GLOVE, EXAMINATION, nitrile, extended cuff, non sterile, L

0016a GLOVE, EXAMINATION, nitrile, extended cuff, non sterile, XL

0016b GLOVE, EXAMINATION, nitrile, extended cuff, non sterile, XXL

0017 GLOVE, EXAMINATION, nitrile, extended cuff, non sterile, M

0018 GLOVE, EXAMINATION, nitrile, extended cuff, non sterile, S

Non sterile glove with extended cuff used to protect both patient and staff from infections transmitted through contact with the hands.
Nitrile, non-sterile, ambidextrous, disposable; semisolid; high qualit; powder-free; cuff edge straight or rolled; acco
r ding to EN 455-1-2-3-4/2001-2007-2009, and Directives 93/42/EC class I

Specifications
Norms
• EN 455-1: 2001 "Medical gloves for single use - Requirements and testing for freedom from holes." AQL = 1.5
• EN 455-2: 2009 + A2: 2013 "Medical gloves for single use - Requirements and testing for physical properties" Force at break ≥ 6N before and after ageing.
• EN 455-3: 2007 "Medical gloves for single use -Requirements and testing for biological evaluation"
• EN 455-4: 2009 "Medical gloves for single use - Part 4: Requirements and testing for shelf life determination"
• EN 374-2: 2015 "Protective gloves against dangerous chemicals and microorganisms - Part 2: Determination of resistance to penetration" Edition: 3. AQL = 1.5

Technical specifications
REF.  DESCRIPTOR
Specification

• 100% nitrile, non powdered
• Ambidextrous shape (fits either hand)
• Thickness at fingers: max 0.1 mm
• Cuff: extended with straight edge
• Colour: blue or purple
• Non sterile, for single use

Dimensions
5 sizes: small (S), medium (M), large (L), x-large (XL) and xx-large (XXL)

<table>
<thead>
<tr>
<th>Size</th>
<th>Minimum length</th>
<th>Palm width</th>
</tr>
</thead>
<tbody>
<tr>
<td>small</td>
<td>290 mm</td>
<td>85 ± 5 mm</td>
</tr>
<tr>
<td>medium</td>
<td>290 mm</td>
<td>95 ± 5 mm</td>
</tr>
<tr>
<td>large</td>
<td>290 mm</td>
<td>105 ± 5 mm</td>
</tr>
<tr>
<td>x-large</td>
<td>290 mm</td>
<td>115 ± 5 mm</td>
</tr>
<tr>
<td>xx-large</td>
<td>290 mm</td>
<td>&gt; 120 mm</td>
</tr>
</tbody>
</table>

Packaging
Cardboard distribution box of 50 or 100 gloves.

0019  GLOVES, PROTECTIVE, nitrile, reusable, size 10/XL

0019a GLOVES, PROTECTIVE, nitrile, reusable, size 11/XXL

0020  GLOVES, PROTECTIVE, nitrile, reusable, size 7/S

0021  GLOVES, PROTECTIVE, nitrile, reusable, size 8/M

0021a GLOVES, PROTECTIVE, nitrile, reusable, size 9/L

Pair of high-comfort and chemical resistant heavy-duty gloves

- Cotton flocking, reducing sweat for the wearer
- Fully reusable, with an unequaled abrasion resistance
- Provides superb comfort for the wearer
- Reversed lozenge finish further enhancing levels of grip

- High performance nitrile compound, providing an outstanding combination of chemical resistance and strength for optimal results in wet or dry work environments
- The glove offers a far superior snag, puncture and abrasion protection compared with rubber or neoprene gloves
- High levels of flexibility, comfort and dexterity
- Will not swell, weaken or degrade, and does not promote contact dermatitis
- Suitable for heavy-duty cleaning applications
Standards/Certifications:
- conforms to EC 89/686/EEC, Category III: EN 374, -2, 3, 4, EN 420 and EN 388 (High cracking-, puncture- and abrasion resistant, levels: ≥ 4-1-0-1) or equivalent standards

Material:
- Nitrile
- Minimum length: 380 mm
- Left/right pair
- Knit inner lining to facilitate slide-in and removal
- Thickness: ≥ 0.425 mm
- Cleanable with water and disinfectant (resisting both ethanol solutions 70% and chlorine solutions >0.5%)

Available in sizes: S (7), M (8), L (9), XL (10) and XXL (11)
0022 GOGGLES, PROTECTIVE, wraparound, with anti-fog coating

Safety wraparound goggles which protect the eyes from dust and splashing in VHF contexts.

Norms
- Directive 89/686/EEC on personal protective equipment (PPE)
- EN 166/2002: "Personal eye-protection - Specifications"

Technical specifications
- Replaceable clear lens in acetate
- Optic class 2 according EN166 = applicable for intermittent use
- Ocular treated against fogging and scratches
- Panoramic lens 180°
- Easy to combine with corrective glasses
- PVC mask
- Broad and fully adjustable head band
- Indirect ventilation all around the mounting
- Anti-fog coating
- Supple face mounting enabling the mask to fit all kind of faces without exerting too high pressures
- Minimal mechanical resistance = resistance to shocks of low-energy particles (withstands a bead of 6 mm and 0.86 g at 45m/s impact)

Colourless, gas tight/non-ventilated; eye protection with polycarbonate lens, neoprene body, elastic strap
0023 GOWN, SURGICAL, nonwoven, M

0024 GOWN, SURGICAL, nonwoven, XL

Protective clothing worn by operating theatre staff over a surgical tunic and surgical trousers in order to prevent transmission of infectious agents.

Specifications
Norms according to ISO22610 and ISO22612
EN 13795+A1: 2013 “Surgical drapes, gowns and clean air suits, used as medical devices for patients, clinical staff and equipment - General requirements for manufacturers, processors and products, test methods, performance requirements and performance levels”, edition: 4

Technical specifications
- Nonwoven (SMS or SMMS [Spunbond-Meltblown-Spunbond])
- Impervious supplementary protection layer (polyethylene film, nonwoven, etc.) in the critical zones (chest area and forearms)
- Wraparound
- Long sleeves
- Cuffs made of elastic jersey
- Latex-free
- Sterile, for single use

Dimensions
- Comes in 3 sizes: Large, XLarge and XXLarge.
- Length (shoulder seam to mid calf):
  - size Large: ± 130 cm
  - size XLarge: ± 150 cm
  - size XXLarge: ± 160 cm

Packaging
- Unit presentation with reverse folding in order to ensure an aseptic gowning technique
- Wrapped in a drape
- Double sterile packaging in peel-open pack

0025 HOOD, Tyvek, with mask, non-woven

Must cover shoulders entirely; ties at back of the head, neck and underneath arms

Fabric
- EN14126 with level ≥4/6 for test ISO 16603 and preferably level ≥4/6
- sewed and covered (=sealed) or welded with ultrasounds

Form/design:
- Must cover shoulders entirely; ties at back of the head, neck and underneath arms
- 3 pairs of straps to tighten for fixation behind the head
- 1 or 2 pairs of straps for fixation at the height of the torso
With integrated mask
• Non sterile, for single use
• Unit presentation

0026  Mirror stand

Ca. 25cmx40cm

0027  Mirror Standard

ca. 45X50cm
0028 **RESPIRATOR, FFP3, disposable, duck bill, w/o valve**

Filtering device covering nose, mouth and chin, used to protect the wearer against airborne or droplets transmitted infectious agents.
High fluid resistance, good breathability, internal and external faces should be clearly identified, structured design that does not collapse against the mouth.
FFP3 without valve; safe high-risk-mask, duck bill; particle filtration efficiency PPE (0,1 micron)>99%, bacterial filtration efficiency (0,3 micron)>99%
FFP3 must be written on the respirator itself

0028a **RESPIRATOR, FFP3, disposable, duck bill, with valve**

Filtering device covering nose, mouth and chin, used to protect the wearer against airborne or droplets transmitted infectious agents.
High fluid resistance, good breathability, internal and external faces should be clearly identified, structured design that does not collapse against the mouth.
FFP3 with valve; safe high-risk-mask, duck bill; particle filtration efficiency PPE (0,1 micron)>99%, bacterial filtration efficiency (0,3 micron)>99%
FFP3 must be written on the respirator itself

0029 **TROUSERS, non-sterile, woven, L DISPOSABLE**

0030 **TROUSERS, non-sterile, woven, M DISPOSABLE**

0031 **TROUSERS, non-sterile, woven, S DISPOSABLE**

0032 **TROUSERS, non-sterile, woven, XL DISPOSABLE**

Disposable scrub pants are available with a drawstring waist or elastic waist. Made from breathable, fluid resistant multi-layer material. Pants have one rear pocket.
**Fabric Type**  
Breathable Multi-Layer Fluid Resistant

**HPIS CLASSIFICATION**  
760_20_110_10

**Latex Free**  
Yes

**Length**  
Regular

**MATERIAL**  
Medium Weight Multi-Ply

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**0033**  
TUNIC, non-sterile, woven, L DISPOSABLE

**0034**  
TUNIC, non-sterile, woven, M, DISPOSABLE

**0035**  
TUNIC, non-sterile, woven, S, DISPOSABLE

**0036**  
TUNIC, non-sterile, woven, XL DISPOSABLE

Disposable scrub shirts are available with a round neck. Made from breathable, fluid-resistant multi-layer material. Feature one chest pocket.

**0037**  
BANDAGE, EXTENSIBLE, non-adhesive, 6 to 7 cm x 4 m
Stretch bandage used to secure dressings.

Specifications
Technical specifications
• Polyamid, viscose, cotton
• Elasticity: 90-110 %
• With selvedges
• Roll presentation
• Non sterile
Dimensions
• Width: 7 ± 1 cm
• Length: ± 4 m

0038

0039 BLANKET, SURVIVAL, 220 x 140 cm, thickness 12 microns

0040 BOX ISOTHERM, triple pack., infectious substance UN2814

Box with UN approved triple packaging system, used for the transport of CATEGORY A samples, i.e. infectious substance, affecting humans.
NB: All the pathogenic agents cultures are included in this category.
Isotherm box, allowing to keep the samples between 2º and 8º C for 72 h, with 2 or 4 icepacks.
Meets the packaging instructions 602.
(Cf Procedures for transporting samples)
The system consists of 3 layers:
1. Primary container
   Tube or vial containing the sample (MAXIMUM 50 ml !)
   Hermetic seal (if necessary, fix the cap with some adhesive tape) and to be labelled with a permanent marker
2. Secondary container
   Watertight polyethylene cylinder box intended to protect the primary container
   Screw cap with gasket
   Supplied with:
   • bubble paper vial holder in which several primary containers can be placed
   • a sheet of absorbent can absorb all the fluid in case of breakage
   ø: ± 12.5 cm, H: 15 cm
   Maximum volume: 1.8 litre
3. Outer container
   Strengthened cardboard box used to protect the secondary container
   Insulation: inner molded polystyrene box
   Labelling UN 2814
Designed to hold 4 icepacks 0.4 l or 2 icepacks of 0.6 l
Approx. 40 x 35 x 30 cm

Mandatory minimum packaging for any sample in case of suspicion of:
  - Multi drug resistance tuberculosis: cultures
  - Rabies (piece of animal, brain sample in a hermetically sealed plastic bag)
Viral Haemorrhagic Fever (whole blood in plain tube or EDTA)
The total quantity of sample must not exceed 50 ml.
Boxes that transported infectious substances must not be reused.
Transport of samples
Infectious substances 2814 are refused by DHL and must be shipped by World Courrier or air transport.

0041  **BRACELET, IDENTIFICATION (Ident-A-Band), feeding cent, white**

Used for patient identification in a hospital or medical treatment centre; worn on the wrist.

Components & materials:
- Bracelet: transparent polyethylene.
- Insert card: cardboard strip.
- Pressure fastener: (stud type) metal.

Description:
- Ident-A-Band brand, size suitable for children and adults: length 23cm, width 1cm.
- Bracelet: flat and tubular with smooth edges.
- Transparent, colour-coded: red for therapeutic feeding, green or blue for supplementary feeding.
- Insert card, water-resistant, accommodates 2 lines of information.
- Safe and secure metal fastener.
- Tamperproof.
- Flexible, comfortable, non-stretch.

Unit presentation:
1 bracelet with 1 insert card, single-use.

Packaging:
400 bracelets and insert cards in a carton, including multilingual user instructions.

Labelling:
Product description, size, reference number, manufacturer's name and address.
0042 CONTAINER, needles recovery 1 l, plastic

TRBA 250
Disposal container for safe disposal of used scalpels, needles and other medical instruments.
- For contact-free disposal of sharp and pointed objects
- Holder for protective caps from Penkanülen
- Closure: reclosable, irreversibly closed for disposal
- Puncture Safe, stable, unbreakable
- Level control visible
- Corresponds to the TRBA and intern. Standards
- Material: Polypropylene
- Color: container knows Info tag yellow

Ca 1-2l

0043 CONTAINER, PROTECTION, transport of sample, plastic, 30 mm

Cylindrical container with absorbent material and screw cap, used to transport tubes containing samples (minimum requirement!). Screw cap
- Absorbent liner (can absorb up to 600 ml)
- Dimensions: H 126 mm x Ø 30 mm or 44 mm

0044 Container, Sample, Plast., 60ml, Non Sterile, Urine

Transparent bottle with screw cap, used for urine or stool samples.
- Bottle: polystyrene crystal (PS) or polypropylene (PP).
- Technical specifications
  - Capacity: 50 to 60 ml
  - Non graduated
  - Single use
0045  Container, Sample, Plast., 60ml, Non Sterile, Urine

Materials: 100% hydrophilic cotton, purified, bleached and carded
Description:
- Surgical quality
- Hydrophilic absorption coefficient > or = to 23g/of cotton
- Odourless
- Carded fibre, not less than10mm
- Appreciable resistance when pulled, does not shed a significant quantity of dust when shaken and does not have lot of “Buds”.
- Roll of 500gr and 1kg, interleaved with craft paper.
- Not pre-cut
- Not sterile
- Steamed autoclavable at 134°C.

Unit presentation:
- Net weight: 125g, foiled in zigzag, not sterile.
- 500g, interleaved with craft paper, not sterile.
- 1kg, often two rolls of 500g, not sterile

Individually packaged in suitable protective wrapping (plastic) to protect against humidity.

0046  I.V. Cannula fixation dressing

Cannula Fixer Elastic Bandage Dressing designed to secure the catheter in challenging I.V. Application.
Sterile / Disposable / Individual Packed / 9 x 6 cm
Breathable fleece material
Slit to wrap around tubing
Extra pad for cushioning
0047  **I.V. Cannula fixation strip**

Pflastersets, Hautfarbene Heftpflasterstreifen, von Lohmann, Hautfarbene Heftpflasterstreifen aus 100 % Viskose zur Befestigung aller marktüblichen Infusionskanülen und -schläuche.

0048  **IV CATHETER, Injection Port, S.u. 16G (1,7 x 50mm) grey SAFETY**

0049  **IV CATHETER, Injection port, s.u. 18G (1,3 x 45mm) green SAFETY**

0050  **IV CATHETER, Injection Port, S.u. 20G (1,1 x 33mm) pink SAFETY**

0051  **IV CATHETER, Injection port, s.u. 22G (0,9 x 25mm) blue SAFETY**

0052  **IV CATHETER, Injection port, s.u. 24G (0,51 0,7 x 19mm) yellow SAFETY**

Sicherheits-Venenverweilkanüle  ISO-Standard 10.555-1/5, EU-Richtlinie 2010/32/EU, TRBA 250
Sicherheits-Venenverweilkanülen, mit integriertem Zuspritzport
  _FEP-Katheter, _3-Facetten-Schliff-Geometrie
  _Hydrophobierter Blutfangerstopfen
  _Farbliche Grosenkennzeichnung
  16G 196 1,30 1,7 x 50 grey
  18G 96 0,96 1,3 x 45 green
  20G 61 0,76 1,1 x 33 pink
  22G 36 0,61 0,9 x 25 blue
  24G* 22 0,51 0,7 x 19 yellow
0064 SYRINGE, s.u., Luer, 1 ml, graduated 1/100 Syringe for insulin, including needle

Syringe (3-part type): Identification: orange (cap and/or marking), international colour code system.
Barrel: Graduations are adapted for insulin concentrations of 100 IU.
    Larger graduations every 10 IU (Scale: 0.01ml = 1IU).
Plunger: the end of the plunger head - used as a reference line- must be visible and well defined in order to determine the graduated capacity corresponding to all graduations on the syringe barrel
Needle: Stainless steel, fixed syringe.
Length: 12 to 16mm (27 to 29G).
External Ø maximum 0.45mm (ISO 7864 standard).
- EN-ISO7886-1: Sterile hypodermic syringe for single use: part 1: syringe for manual use
- EN-ISO20594-1: Conical fittings with 6 % (Luer) taper for syringes, needles and certain other medical equipment - Part 1: General requirements
Unit presentation: One syringe, single-use, sterile, individually peel packed
Primary packaging: Labelling: Manufacturer's name and/or trademark, product description and reference number, "sterile" with sterilization method, lot number, expiry date by year and month, "for single use", and CE mark and reference number of notifying body. Must be multilingual: English, French and Spanish, others when available.
Secondary packaging: Protected unit, one (1) box 100-unit presentation; labelling is the same as that of the primary packaging.
Number of units per secondary packaging, information for product-specific storage conditions (e.g., temperature, pressure, light, humidity, etc.).

0053 MANDRIN FOR IV CANNULA G 16, grey

0054 MANDRIN FOR IV CANNULA G 18, green

0055 MANDRIN FOR IV CANNULA G 20, pink

0056 MANDRIN FOR IV CANNULA G 22, blue

Mandrin zu Vasofix® Safety
16G 1,7 x 50 50 4219171
18G 1,3 x 45 50 4219120
20G 1,1 x 33 50 4219104
22G 0,9 x 25 50 4215095
0057 Mini-Spike® Filter

Entnahme- und Zuspritzspike
für Mehrdosenbehälter
0.45-μm-Belüftungsfilter
Schützt vor Raumluftkontamination
Mit 5-μm-Partikelfilter
Blauer Schnappverschluss
Mikrospitze
V (mit Ventil)*

0058 NEEDLE, s.u., Luer, 21 G (0.8 x 38 mm) green, IM SAFETY

0059 NEEDLE, s.u., Luer, 23 G (0.6 x 25mm) blue, SC, IM child SAFETY

0060 NEEDLE, s.u., Luer, G 20, (0.9 x 38 mm), yellow SAFETY

Hypodermic needle
Plastic needle shield added to a syringe (ISO 23908 Sharps), protection features for single-use
In needle-based safety devices, the safety mechanism is built into the needle. The needle can be manually attached to a conventional syringe or a commercially prepared prefilled syringe.

World Health Organization 2015 guideline on the use of safety-engineered syringes
TBRA 250
ISO 23908
20G x 1 1/2" 0,90 x 38 yellow
21G x 1 1/2" 0,80 x 38 green
23G x 1" 0,60 x 25 blue
0063 OXFAM HAND WASHING TAP KIT

Easy to assemble valve with:
Durable, nylon polymer components
Brass, spring loaded, valve closer
Two sealing washers and back nut for mounting on container

<table>
<thead>
<tr>
<th>Components Included</th>
<th>Line</th>
<th>Quantity</th>
<th>Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Number</td>
<td>1</td>
<td>50</td>
<td>Each</td>
<td>Automatic closing valve, with sealing washers and back nut</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>1</td>
<td>Roll(s)</td>
<td>Tape, PTFE</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>1</td>
<td>Each</td>
<td>Hand drill</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>1</td>
<td>Each</td>
<td>Drill bit, hole cutter - to suit adaptor size</td>
</tr>
</tbody>
</table>

0065 THERMOMETER, ELECTRONIC, accuracy 0.1°C + case

Electronically device (without mercury) allowing to measure body temperature in Celsius degrees.

digital thermometer


Technical specifications
Resistant plastic body (ABS type)
Resistant to disinfectant solution, Chlor resistant
Metal tip with temperature sensor of which the electric properties vary according to heat
Liquid crystal display (LCD)
Measurement range: from 35.5°C to 42°C minimum
Accuracy: 0.1°C
Measurement time: 30 to 40 seconds (depending on the model and the site)
Long-life battery: minimum 200 hours (about 1000 measurements)
On/off switch
Automatic shut-off after some minutes
Waterproof
Operating ambient temperature: from +10°C to +35°C minimum
Memory feature is possible, but not mandatory

0066  **THERMOMETER COVER, non lubricated, s.u. fr electronic therm.**

Softtemp Thermometerhüllen ohne Gleitmittel, digital (1000 Stück)

0067  **Tourniquet disposable.**

Staubinde Einweg SARSTAEDT

0068  **(disposable) Bed pan (Einweg Bettpfanne).**

Ecopatent Einweg Bettpfanne PM-3

Cellulose, Zellstoff, Pulp-Bettpfanne
Bettpfanne aus Zellulose PM-3
Typ: Bettpfanne PM-3 ca. 380 x 310 x (60 – 105) mm
belastbar bis ca. 75 kg (Normalgewicht)/ bis 100 kg zwei ineinander stapelbar
(Schwergewicht) / ab 100 kg wird ein Unterstützungsrahmen empfohlen
Undurchlässigkeit für 8 Stunden garantiert
umweltverträglich, hygienisch und wirtschaftlich
Einweg Bettpfanne (Stechbecken, Steckbecken)Stechbecken, Steckbecken
gebrauchsfertige Bettpfanne (Steckbecken, Stechbecken)
100 % Zellstoff Steckbecken, Stechbecken
Zellstoff Qualität: Northern Bleached Softwood Kraft (NBSK), ECF
Gamma hochsterilisierbare Bettpfanne
Macerator friendly
VE (Karton) Gewicht (Stück) 0,105 kg Gewicht (VE) 6,440 kg Gewicht (Palette) 174,560 kg
1 Karton = 55 Stück
1 Palette = 24 Kartons = 1320 Stück
Kleinste Abgabemenge 1 VE = 1 Karton

0069 (disposable) Tablet.

Omni-Pac Meditainer MT-65
Tablett oder Besteckgeschirr Meditainer MT-65
Typ: Meditainer MT-65 ca. 180 x 90 x 19 mm
Stabil umweltverträglich, hygienisch und wirtschaftlich
• Einweg Meditainer
• gebrauchsfertige Meditainer aus 100% Zellstoff
• Zellstoff Qualität: Northern Bleached Softwood Kraft (NBSK), ECF
• Undurchlässigkeit für mehr als 8 Stunden
Macerator friendly
VE (Karton) Gewicht (Stück) 0,009 kg Gewicht (VE) 7,865 kg Gewicht (Palette) 208,760 kg
1 Karton = 800 Stück
0070 (disposable) Urine bottle (einweg Urinflasche).

Urinflasche UB-1 Typ: UB-1 ca. 280 x 140 mm / Öffnung ca. 60 mm / 1300ml Kapazität
• passend in den gängigen Flaschenhalter
• Undurchlässigkeit für mehr als 8 Stunden
• gebrauchsfertige Urinflasche aus 100% Zellstoff
• Einweg Urinflasche
• Zellstoff Qualität : Northern Bleachesd Softwood Kraft (NBSK), ECF
• umweltverträglich, hygienisch und wirtschaftlich
• Macerator friendly

VE (Karton) Gewicht (Stück) 0,065 kg Gewicht (VE) 2,288 kg Gewicht (Palette) 70,760 kg
1 Karton = 25 Stück
1 Palette = 24 Kartons = 600 Stück
Kleinste Abgabemenge 1 VE = 1 Karton

0071 Kidney dish Vomit bowl/ (disposable) (Paper Nieren-Brechschale)

ECOPATENT® Recycled Paper Nieren-Brechschale SET-N15000

0072 (disposable) Washing bowl (ECOPATENT® Recycled Paper Waschschüssel)

ECOPATENT® Recycled Paper Waschschüssel SET-EC72449
Seifenbeständige Patientenwaschschüssel
Typ: EC72449 / 4000 ml Kapazität
4000 ml Kapazität
Normen & Richtlinien
Flüssigkeitsbeständig: Britische Norm PAS29:1999
Beständigkeitstoleranz: >4 Stunden
Beständigkeitstemperatur: 35°C +/- 3°C
0073 Bucket + lit waste water

0074 Chair, plastic
   Chlor resistant (0.5%)
   Easy to disinfect
   Sitzhöhe ca.460mm, Breite 400mm,-Tiefe 420mm,
   Red

0079 Shelf nursing ca. 39x85 with 4 box (suspected area)
   39x85cm Schubladenregal Schubladen Box Kunststoff Regal mit 4 Kisten Stapelregal
   Chlor resistant
0080 **Table 40x40 plastic**

Plastic ca. 40X40 cm  
Chlor resistant (0.5%)  
Dient als Beistelltisch Krankenbett,

![Table 40x40 plastic](image)

0081 **Table 80x80 plastic**

Plastic ca. 80X80 cm  
Chlor resistant (0.5%)

![Table 80x80 plastic](image)

0082 **Tank round + lid + tap 10 l Plastic for handwashing**

Plastic tank with lid and tap  
Chlor resistant  
With tap and removable screw lid. Extra smooth interior wall for easy cleaning.  
Capacity: 10 litres  
Ø lid: 12 cm  
W x H: 24 x 32 cm

![Tank round + lid + tap 10 l](image)
0083 **Toilet (Einsitz Trockentoilette)**

Cactus-Trockentoiletten Einsitzer, Kunststoff, groß
Höhe: 39,5 cm
Sitzhöhe: 37,5 cm
Breite oben: 38,5 cm
Breite unten: 33 cm
Tiefe oben: 40 cm
Tiefe unten: 33 cm
Gewicht: 2,7 kg
Chlor resistant (0,5%)

![Toilet (Einsitz Trockentoilette)](image)

0084 **Toilet Lidbag**

rund, transparent for Single Toilet Cactus-Trockentoiletten (0083) mit Bilamin

![Toilet Lidbag](image)

0085 **Urin bottel holder (Urinflaschenhalter)**

Chlor resistant
Urinflaschenhalter ermöglicht Urinflaschen direkt am Pflege-, Krankenbett bereitzustellen.

![Urin bottel holder (Urinflaschenhalter)](image)
**0086** Washing bowl/basin

- Stainless steel
- Chlor resistant
- Volumen: 6 Liter
- Höhe: 15,5 cm
- Durchmesser oben- innen: 30cm

**0087** Disc-Bed (Folding Cot)

- anpassungsfähigste Feldbett, austauschbare Matte
- BITTE CHECKEN WELCHE MATTE: CHOLERA OHNE LOCH!!! ???
- Flammenresistente & antimikrobiell behandelte Polyester-Matte
- Ultraschallgeschweißte Cholera-Matte

Siehe Tabelle für einen guten Überblick.

Technische Spezifikationen:

- Silberner, pulverbeschichteter, rostfreier Stahlrahmen
- Außenmaße: 208 cm L x 82.5cm B x 55 cm H
- Liegefläche: 195 cm L x 70.5 cm B
- Höhe des Bettes: 43cm
- Packmaße: 85 cm L x 54 cm B x 15 cm H
- Gewicht: 15 kg
- Belastbarkeit: 226 kg
Infusionsständer

Für alle Disc-Bed-Systeme geeignet.
Infusionsständer in das Loch.
Technische Spezifikationen:
Material: grauer Stahl, rostfrei und pulverbeschichtet
Außenmaße: 103,5 cm x 17 cm x 1,5 cm (L x B x H)
Gewicht: 1 kg

Milk, Infant, Powder, 1st Age, 900 G Tin

Milk, Infant, Powder, 2st Age, 900 G Tin

Different formulas for the 1st and the 2nd age
• from birth until the end of 5th month, which means until the beginning
  of food diversification (example: NAN1- NIDAL1, Lactogen 1, Nursie 1...)
• from 6th until 12th month (example: NAN2- NIDAL2, Lactogen 2...)
Breast milk substitute formula intended for infants.
Main composition (see MSF)
Partly demineralised whey, vegetable fat (or vegetable oil), skimmed milk powder, malto-
dextrin, lactose, emulsifier, vitamins, minerals.
Specifications
These specifications apply to Infant & follow-on formulæ manufactured from cows’ milk
proteins or protein hydrolysates. (amino-acids, lipids... raw material, optional ingredients...)
and for specifications for Formulae manufactured from soya protein isolates, or in a mixture
with cows’ milk proteins.

<table>
<thead>
<tr>
<th>Nutritional value</th>
<th>minimum</th>
<th>maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>250 kJ/100ml</td>
<td>295 kJ/100ml</td>
</tr>
<tr>
<td></td>
<td>60 kcal/100ml</td>
<td>70 kcal/100ml</td>
</tr>
<tr>
<td>Proteins</td>
<td>0.45 g/100 kJ</td>
<td>0.7 g/100 kJ</td>
</tr>
<tr>
<td></td>
<td>1.8 g/100 kcal</td>
<td>3 g/100 kcal</td>
</tr>
<tr>
<td></td>
<td>1.08 g/100ml</td>
<td>2.1 g/100ml</td>
</tr>
<tr>
<td></td>
<td>1.05 g/100 kJ</td>
<td>1.4 g/100 kJ</td>
</tr>
<tr>
<td>Lipids</td>
<td>4.4 g/100 kcal</td>
<td>6.0 g/100 kcal</td>
</tr>
<tr>
<td></td>
<td>2.64 g/100ml</td>
<td>2.64 g/100ml</td>
</tr>
<tr>
<td></td>
<td>2.2 g/100 kJ</td>
<td>3.4 g/100 kJ</td>
</tr>
<tr>
<td>Carbohydrates</td>
<td>9 g/100 kcal</td>
<td>14 g/100 kcal</td>
</tr>
<tr>
<td></td>
<td>5.4 g/100ml</td>
<td>9.8 g/100ml</td>
</tr>
<tr>
<td></td>
<td>1.1 g/100 kJ</td>
<td>-</td>
</tr>
<tr>
<td>Lactose</td>
<td>4.5 g/100 kcal</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>2.7 g/100ml</td>
<td></td>
</tr>
</tbody>
</table>

<p>| Minerals          |             |             |
| Calcium*          | 12 mg/100 kJ| 35 mg/100 kJ|
|                   | 50 mg/100 kcal| 140 mg/100 kcal|
|                   | 30 mg/100ml| 98 mg/100ml|
|                   | 6 mg/100 kJ| 24 mg/100 kJ|
| Phosphorus*       | 25 mg/100 kcal| 100 mg/100 kcal|
|                   | 15 mg/100ml| 70 mg/100ml|
|                   | 14 mg/100 kJ| 43 mg/100 kJ|
| Potassium         | 60 mg/100 kcal| 180 mg/100 kcal|
|                   | 36 mg/100ml| 126 mg/100ml|</p>
<table>
<thead>
<tr>
<th>Nutrient</th>
<th>100 kJ</th>
<th>100 kcal</th>
<th>100 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Magnesium</strong></td>
<td>1.2 mg</td>
<td>3.6 mg</td>
<td>3 mg</td>
</tr>
<tr>
<td></td>
<td>5 mg</td>
<td>15 mg</td>
<td>3 mg</td>
</tr>
<tr>
<td></td>
<td>5 mg</td>
<td>14 mg</td>
<td></td>
</tr>
<tr>
<td><strong>Sodium</strong></td>
<td>0.07 mg</td>
<td>0.3 mg</td>
<td>0.18 mg</td>
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<tr>
<td></td>
<td>0.3 mg</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>0.12 mg</td>
<td>0.36 mg</td>
<td></td>
</tr>
<tr>
<td><strong>Iron</strong></td>
<td>0.07 mg</td>
<td>0.3 mg</td>
<td>0.12 mg</td>
</tr>
<tr>
<td></td>
<td>0.3 mg</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>0.5 mg</td>
<td>1.5 mg</td>
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</tr>
<tr>
<td><strong>Zinc</strong></td>
<td>0.12 mg</td>
<td>0.5 mg</td>
<td>0.25 μg</td>
</tr>
<tr>
<td></td>
<td>0.3 mg</td>
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</tr>
<tr>
<td></td>
<td>0.5 mg</td>
<td>1.5 mg</td>
<td></td>
</tr>
<tr>
<td><strong>Copper</strong></td>
<td>8.4 μg</td>
<td>29 μg</td>
<td>21 μg</td>
</tr>
<tr>
<td></td>
<td>25 μg</td>
<td>14 μg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.25 μg</td>
<td>25 μg</td>
<td></td>
</tr>
<tr>
<td><strong>Iodine</strong></td>
<td>2.5 μg</td>
<td>10 μg</td>
<td>6 μg</td>
</tr>
<tr>
<td></td>
<td>10 μg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.25 μg</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Manganese</strong></td>
<td>0.25 μg</td>
<td>1 μg</td>
<td>0.6 μg</td>
</tr>
<tr>
<td></td>
<td>1 μg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 mg</td>
<td>38 mg</td>
<td></td>
</tr>
<tr>
<td><strong>Chloride</strong></td>
<td>12 mg</td>
<td>50 mg</td>
<td>30 mg</td>
</tr>
<tr>
<td></td>
<td>70 mg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>50 mg</td>
<td>160 mg</td>
<td></td>
</tr>
<tr>
<td><strong>Fluoride</strong>**</td>
<td>25 μg</td>
<td>100 μg</td>
<td>70 μg</td>
</tr>
</tbody>
</table>

**Vitamin A*** | 14 μg | 43 μg | 36 μg | 126 μg |
| | 60 μg | 180 μg | |
| | 0.25 μg | 0.65 μg |
| **Vitamin D**** | 1 μg | 2.5 μg | 0.6 μg | 1.75 μg |
| | 35 μg | 14 μg |
| | 0.12 mg | 1.2 mg |
| **Vitamin E***** | 0.5 mg | 5 mg | 0.3 mg | 3.5 mg |
| | 17 mg | |
| | 2.5 mg |
| **Vitamin C** | 10 mg | 70 mg | 6 mg | 49 mg |
| | 72 μg | |
| | 14 μg |
| **Vitamin B1** | 60 μg | 300 μg | 36 μg | 210 μg |
| | 300 μg | |
| | 19 μg | 95 μg |
| **Vitamin B2** | 80 μg | 400 μg | 48 μg | 280 μg |
| | 480 μg | |
| | 70 μg | 375 mg |
| **Niacin** | 300 μg | 1500 μg | 180 μg | 1050 μg |
| | 8.5 μg | 45 μg |
| | 35 μg | 175 μg |
| **Vitamin B6** | 35 μg | 175 μg | 21 μg | 122.5 μg |
Vitamin B12 0.025 µg/100 kJ 0.36 µg/100 kJ  
0.1 µg/100 kcal 1.5 µg/100 kcal  
0.06 µg/100ml 1.05 µg/100ml  
1 µg/100 kJ 6.5 µg/100 kJ  
Vitamin K1 4 µg/100 kcal 27 µg/100 kcal  
2.4 µg/100ml 18.9 µg/100ml  
2.5 µg/100 kJ 12 µg/100 kJ  
Folic acid 10 µg/100 kcal 50 µg/100 kcal  
6 µg/100ml 35 µg/100ml  
0.4 µg/100 kJ 2.5 µg/100 kJ  
Biotin 1.5 µg/100 kcal 10 µg/100 kcal  
0.9 µg/100ml 7 µg/100ml  
95 µg/100 kJ 475 µg/100 kJ  
Ca-D-Pantothenate 400 µg/100 kcal 2000 µg/100 kcal  
240 µg/100ml 1400 µg/100ml  

*Calcium: phosphorus ratio shall be between 1 and 2.  
**Fluoride shall not be added in infant & follow-on formulae  
***1 µg RE = 3.33 IU vitamin A = 1 µg all trans retinol  
****In the form of cholecalciferol, of which 1µg = 40 IU of vitamin D.  
*****mg α-TE = d-α-tocopherol equivalent

Organoleptic properties:  
• Texture: powder without lumps  
• Appearance: white of slightly yellowish fine powder, free from impurities/colored particles. The reconstituted milk shall be a homogenous liquid. It shall be white.  
• Smell: shall be neutral and typical of milk. It shall not be pungent.  
• Taste: shall be characteristic of milk; no rancid, pungent or unpleasant taste.

<table>
<thead>
<tr>
<th>Contaminants</th>
<th>max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrates</td>
<td>15 mg/kg</td>
</tr>
<tr>
<td>Nitrites</td>
<td>0.3 mg/kg</td>
</tr>
<tr>
<td>Aluminium</td>
<td>0.6 mg/kg</td>
</tr>
<tr>
<td>Melamine</td>
<td>1mg/kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Microbiology</th>
<th>n</th>
<th>c</th>
<th>m</th>
<th>M</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criteria for pathogenic microorganisms</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Salmonella</td>
<td>60</td>
<td>0</td>
<td>0/25g</td>
<td>NA</td>
<td>2</td>
</tr>
<tr>
<td>Cronobacter Sakazakii</td>
<td>30</td>
<td>0</td>
<td>0/10g</td>
<td>NA</td>
<td>2</td>
</tr>
<tr>
<td>Criteria/indicator for process hygiene</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Mesophilic Aerobic Bacteria</td>
<td>5</td>
<td>2</td>
<td>500/g</td>
<td>5000/g</td>
<td>3</td>
</tr>
<tr>
<td>Enterobacteriacea (EB at 30°C)</td>
<td>10</td>
<td>2</td>
<td>0/10g</td>
<td>NA</td>
<td>2</td>
</tr>
</tbody>
</table>

with n = number of samples units to be taken; c = the maximum allowable number of defective sample units in a 2-class plan or marginally acceptable sample units in a 3-class plan; m = a microbiological limit which, in a 2-class plan, separates good quality from defective quality or, in a 3-class plan, separates good quality from marginally acceptable quality; M = a microbiological limit which, in a 3-class plan, separates marginally acceptable quality from defective quality; p = class plan.
Packaging

Labelling
The following must appear on the primary packaging:
- name of the product
- net weight
- batch number
- date of manufacture
- expiry date
- composition of the product
- nutritional value
- instructions for use
- country of origin
- producer's name and address
- clear statement to the effect that the product is suitable for particular nutritional use for infants from birth when they are not breast fed (labelling shall be designed to provide the necessary information about the appropriate use of the products in order to encourage breast feeding)

The following must appear on the secondary packaging:
- name of the product
- net weight
- gross weight
- batch number
- date of manufacture
- expiry date
- instructions for storage
- country of origin

Instructions for use
Preparation
Instructions for preparation must always be written on the packaging.
A measuring spoon must be supplied in every unit packaging to allow a proper reconstitution of the product. This measuring spoon usually corresponds to the required powder dose for 30 ml water.
0091 RUTF (BP100), cereal biscuit, 510 g (= 9 barres)

BP-100™ is a Ready-to-Use therapeutic food (RUTF) in the form of a compressed biscuit/bar. It is used in the treatment of Severe Acute Malnutrition (SAM) in children and adults. BP-100™ can be consumed as it is or crumbled into boiled drinking water and eaten as a porridge.

Nutritional qualities
BP-100™ is a compressed Ready-to-Use Therapeutic food (RUTF) for treatment of severe acute malnutrition in children and adults. The composition follows the WHO/WFP/UNSSCN/UNICEF joint statement on Community-based Management of Severe Acute Malnutrition. One 57 g bar of BP-100 contains 300 kcal. BP-100™ can be eaten as a biscuit directly from the pack, accompanied by clean drinking water, or crumbled into boiled drinking water and eaten as a porridge. The number of bars required per day depends on the weight of the person, e.g. 2 bars per day for a 3 kg child and approximately 10 bars per day for a 30 kg adult.

Logistical qualities
The shelf life of BP-100™ is 4 years. This enables organizations to make long-term planning and establish preparedness stocks. The optimal logistical properties secure an easy, safe and efficient transportation, distribution, usage and storage under extreme conditions.

0092 EMERGENCY FOOD RATION, carton of 500 g (= 9 bars)

1 bar = 2 tablets of 27.8 g (packed in a greaseproof paper)
(unit for purchase = 9 bars vacuum packed, 500 g)

Main composition
Baked wheat flour, partial hydrogenated soybean oil; sugar, soya protein concentrate, malt extract, minerals, amino acids and vitamins.
All ingredients are of vegetal origin.
0093 READY TO USE SUPPLEMENTARY FOOD, peanut paste, 92 g

The RUSF (= ready to use supplementary food) is a ready to use product used to treat the Moderate Acute Malnutrition (MAM). RUSF can also be used as a nutritional support in emergency situations or in the context of nutritional programs to prevent malnutrition. Ready to Use Supplementary Food (RUSF) in paste form, soya-based, cocoa taste. Sachet of 92 g
Main composition
Vegetable fat (contains essential fatty acids), sugar, peanut paste, whey, maltodextrin, soya flour, cocoa, mineral and vitamin complex, emulsifier: lecithin.
Supplementary Plumpy does not contain any ingredient of animal origin, except whey.
Example: PlumpySup®, eeZeeRUSF

0094 TUBE, FEEDING, CH 10, Luer tip, 50 cm, disposable

General information
For gastro-enteral feeding using Luer-tip syringes.

For ventricular lavage.

Specifications
A thin, flexible and hollow sterile cylinder used to access a patient's stomach through the nose and nasopharynx; used primarily for enteral feeding and administering medication.

Synonym: Nasogastric feeding tube.

<table>
<thead>
<tr>
<th>Materials:</th>
<th>Polyvinyl chloride (PVC), medical grade.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>- Single channel tube.</td>
</tr>
<tr>
<td></td>
<td>- Radio-opaque line for continuous X-ray.</td>
</tr>
<tr>
<td></td>
<td>- Marked 20cm from the distal end.</td>
</tr>
<tr>
<td></td>
<td>- Round and smooth-ended tip.</td>
</tr>
<tr>
<td></td>
<td>- Two opposite ovals, displaced side holes or eyelet.</td>
</tr>
<tr>
<td></td>
<td>- Connector with a Luer tip and stopper.</td>
</tr>
<tr>
<td></td>
<td>- Length: for size CH06 and CH08 is 40-50cm; for CH10 50-60cm.</td>
</tr>
<tr>
<td>Unit presentation:</td>
<td>1 feeding tube, sterile, single-use, peel pack.</td>
</tr>
<tr>
<td>Primary packaging:</td>
<td>Must be supplied in a sterile peel or blister pack. Labelling should mention: Manufacturer's name and/or trademark. &quot;sterile&quot;, lot number, expiry date by year and month, &quot;for single use&quot;, CE mark and reference number for notifying body, product description, and instructions for use. Must be</td>
</tr>
</tbody>
</table>
### General information

For liquids and/or air drainage and aspiration from the stomach (gastric area).

For feeding adults and older children.

For gastric lavage.

For surgical ileus; application of conservative treatment using gastric decompression.

### Specifications

A single hollow cylinder introduced into the gastrointestinal (GI) tract, nasally or orally, for aspiration or feeding.

<table>
<thead>
<tr>
<th>Materials:</th>
<th>Polyvinyl chloride (PVC)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single channel tube with conical or funnel tip.</td>
</tr>
</tbody>
</table>

0095 Tube, gastric, CH 16, conical tip, 120cm, sterile

0096 Tube, gastric, CH 12, conical tip, 120cm, sterile

0097 Tube, gastric, CH 08, conical tip, 120cm, sterile

0098 Tube, gastric, CH 06, conical tip, 120cm, sterile
Tube: Transparent, with X-ray radio-opaque markings at 40, 50, 60 and 70cm from the distal end, corresponding to the cardia, stomach, duodenum and jejunum.

- Patient end: soft, rounded closed-ended tip, and 4 lateral opposite the alternative eyelets.
- Size: Diameter CH06 to CH20, length 120-125cm.
Connector: funnel or cup tip to fit aspiration system or drainage bag.

Unit presentation: 1 gastric tube, sterile, single-use, peel pack.
Primary packaging: Peel pack.

Labelling: Manufacturer's name and/or trademark, "sterile", lot number, expiry date by year and month, "for single use", CE mark plus reference number for notifying body, product description, and instructions for use. Must be multilingual: English, French and Spanish, others when available.

Secondary packaging: Protected unit, one (1) box with 20- or 50-unit presentation. Labelling is the same as primary packaging.

Additional required information: Number of units per secondary packaging. Information for product-specific storage conditions (e.g., temperature, pressure, light, humidity, etc.) and user recommendations.

Other requirements: Norms: Must comply with:
- Medical Device Directive 93/42/EEC, risk class IIa
- EN 1615: Enteral feeding catheters and enteral giving sets for single use and their connectors - Design and testing
- EN 550 gas sterilization ethylene oxide

0099 TAP, 3-WAYS, for infusions, with 10cm extension

General information
A device used with an intravenous (IV) administration set; manually-operated by a nurse or qualified medical personal, it regulates fluid delivery to a patient's vascular system.

Specifications
- Also referred to as a 3-way stopcock with connexion tubing or an intravenous line stopcock.
Suitable for all types of pressure infusion systems < 4 bar

- Liquid resistant.

- Continuous straight-flow channels for accurate pressure monitoring

Components:

<table>
<thead>
<tr>
<th>3-way stopcock:</th>
<th>Materials: polycarbonate</th>
</tr>
</thead>
<tbody>
<tr>
<td>A rotating device with 3 connections with 3-way valves and a handle that turns 360°.</td>
<td></td>
</tr>
<tr>
<td>- 1 Luer male connection near the patient end.</td>
<td></td>
</tr>
<tr>
<td>- 2 Luer female connections near the IV line.</td>
<td></td>
</tr>
</tbody>
</table>

Tubing:

- Materials PVC

- Length 10cm with a male Luer lock connection on the patient end.

- Transparent to enable bubble detection, supple, resistant to kinking.

The tubing cannot be removed from the 3-way stopcock

Quality requirements: Complies with European Medical Device Directive Council directive 93/42/EEC or equivalent.

Meet standard: EN-ISO 20594-1: Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment - Part 1: General requirements (ISO 594-1:1986).

Unit presentation: 1 unit, sterile, individually peel packed, single-use.

Primary packaging: Labelling: Manufacturer's name and/or trademark, product description and reference number, "sterile" and method, lot number, expiry date by year and month, "for single use", CE mark and reference number of notifying body. Must be multilingual: English, French and Spanish, others when available.

Secondary packaging: Protected unit, one (1) box with 50- or 100-unit presentation, labelling is the same as the primary packaging.

Additional required information: Number of units per secondary packaging. Information for product-specific storage conditions (e.g., temperature, pressure, light, humidity, etc.).


Protective packaging: Carton, labelling is the same as the unit presentation including indication of total quantity.
0100 NEEDLE, INTRAOSSEOUS, G14x3cm, sterile, single use

General information
In life-threatening situations, intraosseous needles are used as an alternative for administering drug or fluid infusions to infants and children under 6 years of age.

Specifications
The intraosseous infusion needle is comprised of a blunt, round and open-ended cannula (needle) and a sharp trocar guide. (Dieckmann modification, intraosseous infusion needle)

<table>
<thead>
<tr>
<th>Needle:</th>
<th>- Cannula</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Made of stainless steel, plastic hub.</td>
</tr>
<tr>
<td></td>
<td>- Distal tip: blunt, round with two laterally-opposed side ports (eye/hole) positioned near the tip end to ensure flow should the needle tip becomes obstructed by a posterior bone cortex.</td>
</tr>
<tr>
<td></td>
<td>- Positioning mark at 1cm proximal to the tip, used to visualize the depth level.</td>
</tr>
<tr>
<td></td>
<td>- Length 3cm, size G14.</td>
</tr>
<tr>
<td>Trocar guide with gripping handle:</td>
<td>- Material: trocar made of stainless steel and plastic gripping handle.</td>
</tr>
<tr>
<td></td>
<td>- Patient end: sharp, triple bevelled 45° angle.</td>
</tr>
<tr>
<td></td>
<td>- Tubular device located inside the needle.</td>
</tr>
<tr>
<td></td>
<td>- Positioning mark at 1cm proximal to the tip, used to visualize the depth level.</td>
</tr>
</tbody>
</table>
**0101 NEEDLE, INTRAOSSEOUS, FOR TRAINING ONLY, G15.5x3cm**

**General information**
In life-threatening situations, intraosseous needles are used as an alternative for administering drug or fluid infusions to infants and children under 6 years of age.

**Specifications**
The intraosseous infusion needle is comprised of a blunt, round and open-ended cannula (needle) and a sharp trocar guide. (Dieckmann modification, intraosseous infusion needle)

<table>
<thead>
<tr>
<th>MINSNEEDIOT</th>
<th>Size G15, for training purposes only.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Same design but needle and hub are in metal.</td>
</tr>
<tr>
<td></td>
<td>- No positioning mark.</td>
</tr>
<tr>
<td></td>
<td>- No Luer lock connection.</td>
</tr>
</tbody>
</table>

**0102 Non-Contact Forehead IR Thermometer, with batteries**

**General Information:**
Instrument used to measure indirect arterial blood pressure; composed of an aneroid pressure gauge connected to an inflatable cuff, which is wrapped around the arm and secured by velcro tape. Synonyms: blood pressure gauge, aneroid sphygmomanometer.

**Specifications:**
- Validation for temperature range 34°C (or below) to 41°C (or above)
- Accurate to at least 0.5°C with resolution of 0.1°C
- Measurement distance 5 to 15 cm
- Response within 1 sec (or below)
- Battery-operated (AAA)
- Hand-held device
0103 SPHYGMOMANOMETER, adult with 1 cuff 14x54,5 cm

General Information:
- Measures body temperature
- Monitors individuals for temperature change
- Non-contact technique reduces potential spread of diseases

Specifications:

<table>
<thead>
<tr>
<th>Components:</th>
<th>- Sphygmomanometer parts:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components:</td>
<td>Aneroid pressure gauge (no stop pin) with an air pressure release-valve.</td>
</tr>
<tr>
<td></td>
<td>Rubber bulb with palm fitting handle.</td>
</tr>
<tr>
<td></td>
<td>Connector to rubber tube.</td>
</tr>
<tr>
<td></td>
<td>Connecting tube.</td>
</tr>
<tr>
<td></td>
<td>Cuff with inflatable bladder.</td>
</tr>
</tbody>
</table>

| Materials:                    | Hardened copper-beryllium: membrane or diaphragm. |
|-------------------------------| Stainless steel: handle |
|                               | Nickel-plated: tube connector and valve. |
|                               | Nylon: cuff with velcro fastener. |
|                               | Latex: connecting tube, bulb, inflatable bag. |

| Specifications:               | A sphygmomanometer consists of an inflatable cuff, a measuring unit (the manometer), a tube to connect the two, and an inflation bulb, which is also connected by a tube to the cuff. The inflation bulb contains a one-way valve, to prevent inadvertent pressure leakage, with an adjustable screw valve with which the operator can lower the pressure in the system in a controlled manner. |
|-------------------------------| Adult, palm style, sphygmomanometer with one tube. |
| Manometer, aneroid gauge:     | |
| - An aneroid manometer is a mechanical gauge with a round dial and a needle that rotates to indicate pressure in mmHg. On the inside, a bellow and spring mechanism senses and transmits the blood pressure measurement to the dial. |
| Diameter: 63mm                | Linear scale: graduated from 0-300mmHg, easy-to-read, maximum error throughout range ±3mmHg. |
| Diaphragm membrane:           | Diaphragm membrane: can withstand overpressures of up to 600mmHg. |
| Connector to rubber tube:     | - Connector to rubber tube: on the right-hand side, below the manometer. |
| Inflation bulb:               | - Inflation bulb: to inflate or deflate the rubber-bag cuff. |
| Mounted with a one-way valve, | Mounted with a one-way valve, to prevent inadvertent pressure leakage, with an adjustable screw valve with which the operator can lower the pressure in the system in a controlled manner. |
| Cuff:                         | Cuff: Washable at 30°C, made of non-deformable material with velcro fastening to enable a tight adjustment around the arm. |
| Inside the cuff is an inflatable airbag (bladder); it must be airtight. Size: 22x10cm. |
### Packaging:
The following information must appear on the outside packaging:

- Designation of item, multilingual if possible (English, French and Spanish, others when available.)

- Name and address of supplier (manufacturer) and CE mark and reference number of notifying body.

- Enclosed inside packaging: manufacturer's certificate of guarantee and multilingual instructions for use and maintenance: Must be multilingual: English, French and Spanish, others when available.

### Other requirements:
Conforms to EN 1060-1-1A -2002 and EN 1060-2-1995

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**0104 Spygmomanometer, BABYPHON w/ 3 cuffs 5/7/10cm**

**General Information:**
Instrument used to measure indirect arterial blood pressure; comprised of an aneroid pressure gauge connected to an inflatable cuff, which wraps around the arm and is secured by Velcro tape. Synonyms: blood pressure apparatus, aneroid sphygmanometer.

**Specifications:**

<table>
<thead>
<tr>
<th>Components: Sphygmomanometer parts:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Aneroid pressure gauge (with no stop pin), with air pressure release-valve.</td>
</tr>
<tr>
<td>- Rubber bulb with palm fitting handle.</td>
</tr>
<tr>
<td>- Connector to rubber tube.</td>
</tr>
<tr>
<td>- Connecting tube.</td>
</tr>
<tr>
<td>- Cuff with inflatable bladder.</td>
</tr>
</tbody>
</table>

**Materials:**
Hardened copper-beryllium: membrane or diaphragm
Stainless steel: handle
Nickel-plated: tube connector and valve
Nylon: cuff and velcro
Latex: connecting tube, bulb, inflatable bag

**Specifications:**
A sphygmomanometer consists of an inflatable cuff, a measuring unit (the manometer), a tube to connect the two, and an inflation bulb, which is also connected by a tube to the cuff. The inflation bulb contains a one-way valve, to prevent inadvertent pressure leakage, with an adjustable screw valve so that the operator can lower the pressure in the cuff.
Manometer, aneroid gauge:

An aneroid manometer is a mechanical gauge with a round dial and a needle that rotates to indicate pressure in mmHg. On the inside, a bellow and spring mechanism senses and transmits the blood pressure measurement to the dial.

- **Diameter**: 49mm

- **Linear scale**: graduated from 0-300mmHg, easy-to-read, maximum error throughout range ±3mmHg.

- **Diaphragm membrane**: can withstand overpressure of up to 600mmHg.

- **Connector to rubber tube**: on the right-hand side, below the manometer.

- **Inflation bulb**: for inflating and deflating the rubber-bag cuff.

- **Mounted with a one-way valve**: to prevent inadvertent pressure leakage, with an adjustable screw valve so that the operator can lower the pressure in the system in a controlled manner.

- **Cuff**: Washable at 30°C, made of non-deformable material with velcro fastening to enable a tight adjustment around the arm. Inside the cuff is an inflatable airbag (bladder).

- The airbag (bladder) must be airtight.

3 interchangeable cuff sizes:

- **XMEQSPHYRIBC05**: Length 15.5cm, width 5cm - newborn
- **XMEQSPHYRIBC07**: Length 23cm, width 7.2cm - baby or infant
- **XMEQSPHYRIBC15**: Length 35.5cm, width 10cm - child

- **Connecting tube**: length 60cm from cuff to aneroid manometer.

Packaging: Unit presentation: in a vinyl or leatherette zippered case.

The following information must appear on the outside packaging:

- **Designation of item**, multilingual if possible (English, French and Spanish, others when available.)

- **Name and address of supplier (manufacturer) and CE mark and reference number of notifying body.**

- **Enclosed inside the packaging**: manufacturer's certificate of guarantee and multilingual instructions for use and maintenance: English, French and Spanish, others when available.

Other requirements: Conforms to EN 1060-1-1A -2002 and EN 1060-2-1995
0105  BUCKET, plastic, 14L with clip cover and 50mm outlet

General information
Designed by Oxfam to replace the collapsible jerrycan for emergency operations, this family or individual water container offers:
- Water storage, protected from pollution with the clipped cover and cap.
- Easy to fill up and pour with the 50mm opening. Easy to carry by hand with a strong flat handle, on the head with a round bottom shape and a reinforcement ring.
- Efficient cleaning possible by removing the cover and having inner rounded edges.
- Stacking possibilities to lower transport costs (4320 pieces in 1 TC20ft with pallets, 4900 pieces in 1 TC20ft without pallet), 160 pieces per m³.
- Strong and durable quality for a long life span in tough conditions.
0106  **EYE WASH BOTTLE, 500ml, reusable, w/o liquid**

![Eye Wash Bottle](image1)

0107  **BASIN/BOWL for washing/footbath, 25L, stackable, min. 40x40x16 cm, preferably rectangular**

0108  **SOAP, for handwashing, 100g piece**

| **Toilet soap in bar, not harmful to the skin, from vegetable or animal fat, not containing pork fat.** | **Product must be fit for human utilisation and be of sound, fair and marketable quality, of homogeneous colour and aspect, without any disagreeable odours and flavours.** |
| Fatty acid | minimum 70 %.
| Moisture | maximum 20 % at time of packing.
| NaOH content | maximum 0.3 %.
| NaCl content | maximum 0.5 %.
| Weight | bar of 100g each
| Packing: | Bars individually packed.
| | 240 bars of 100g per carton.
| Box size: | 0.35x 0.25x 0.25m.
| | 30 cartons per pallet.
| | Minimum 20MT per 20ft container

0109  **Face shield, disposable**

Lightweight, single use face shield providing protection against liquid splash and particles and conforming to EC89/686/ECC Category III: EN 166 or equivalent:
- Full face-length from headband down by approx. 30 cm
- Clear screen
- Screen thickness approximately 1 mm
- Adjustable/elastic headband, designed for comfort in tropic climate
- Anti-fog coating
- Fits easily over prescription glasses or protective eyewear
0110  **Face shield, reusable**

Lightweight, reusable face shield providing protection against liquid splash and particles and conforming to EC89/686/ECC Category III: EN 166 or equivalent:
- Full face-length from headband down by approx. 30 cm
- Clear polycarbonate shield
- Screen thickness min. 1 mm
- Adjustable headband, designed for comfort in tropic climate
- Anti-fog coating
- Fits easily over prescription glasses or protective eyewear
- Resistant to chemicals/highly concentrated chlorine solutions
0111  TUNIC, SURGICAL, reusable, cotton, size L, yellow

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: yellow
Size XL:
  - Length: 122 cm
  - Chest measurement: 115-122 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%

0112  TUNIC, SURGICAL, reusable, cotton, size M, yellow

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: yellow
Size XL:
  - Length: 122 cm
  - Chest measurement: 115-122 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit

0113  TUNIC, SURGICAL, reusable, cotton, size S, yellow

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: yellow
Size XL:
  - Length: 122 cm
  - Chest measurement: 115-122 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%

0114  TUNIC, SURGICAL, reusable, cotton, size XL, yellow

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: yellow
Size XL:
  - Length: 122 cm
Chest measurement: 115-122 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%

0115 TROUSERS, SURGICAL, reusable, cotton, size L, yellow

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: yellow
Size XL:
   - Length: 122 cm
   - Chest measurement: 115-122 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%

0116 TROUSERS, SURGICAL, reusable, cotton, size M, yellow

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: yellow
Size XL:
   - Length: 122 cm
   - Chest measurement: 115-122 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%

0117 TROUSERS, SURGICAL, reusable, cotton, size S, yellow

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: yellow
Size XL:
   - Length: 122 cm
   - Chest measurement: 115-122 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%

0118 TROUSERS, SURGICAL, reusable, cotton, size XL, yellow

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: yellow
Size XL:
   Length: 122 cm
   Chest measurement: 115-122 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
1000 (autoclave combined, 90l) BASKET, stainless steel

Basket for putting load in sterilizer
Material: stainless steel wire mesh
Size: 38 diam cm x 29 (H) cm
With handle
Stackable
To be used with: AUTOCLAVE, COMBINED, 90 l, elec./kero
Two should fit in the chamber
Size optimized for this sterilizer

1001 (centrifuge) TUBE, glass, 15ml, conical bottom, w/o screw cap

Centrifuge tube with conical bottom used to centrifuge urine
Material: transparent glass
Without screw cap
Size: 120 x 17 mm (OD)
Capacity: 15 ml
Non-graduated, rimless
Packaging: protective carton packaging, no of units displayed on carton

1002 (centrifuge) TUBE, polystyrene, 12ml, round bottom, w/o screw cap

Reagent tubes with round bottom
Material: Polystyrene
Size: 100 x 16 mm (OD)
Capacity: 12 ml
Non sterile
Non-graduated, rimless
Packaging: protective carton packaging, no of units displayed on carton
1003 (counting chamber) COVER GLASS, PLANED, 20x26mm, Haemocytometer

The cover glass (Haemocytometer) is used to cover counting chambers (Neubauer & Fuchs-Rosenthal)
Material: glass
Thickness 0.4 mm
Optically flat
Packaging: protective
To be used with: COUNTING CHAMBER, FUCHS-ROSENTHAL, depth 0.2mm, simple grid
COUNTING CHAMBER, NEUBAUER, modified model, depth 0.1 mm

1004 (d.redon) BOTTLE, 500 ml, w/plug, ring and clamp, autocl., reus.

Glass graduated bottle with manometric plug to create a strong depression (vacuum)
Used in surgery for the aspirating drainage of wounds
Components:
- Bottle, glass, screwed, 500 ml capacity
- Plug, manometric, complete
- VALVID Ring for bottle 500 ml, silicone, fitted with a connection piece and two antennas for vacuum control, enables to put the system under vacuum during sterilization by steam autoclave
- Ring for bottle 500 ml: screw system, used to close the bottle
- Spigot for manometric plug: fits on the connection piece of manometric plug, enables to keep the circuit closed and sterile
- Clamp for manometric plug: to clamp the connector of the manometric plug, allows to keep the vacuum before use
The generated vacuum is about 700-800 milibar
The whole is supplied non-sterile and is autoclavable
Packaging:
- Bottle: unit packaging in protective bubble plastic
- Other items: bulk presentation in a plastic sachet

1005 (d.redon) NEEDLE, CH 10, straight, bent tip, autocl., reus.

To insert the drain into the body
Material: stainless steel
19 cm long
Distal end: triangular point for insertion
Threaded proximal end to attach the drain
Non sterile, autoclavable

1006 (dermatome Humby), BLADE
1007 **dosimeter pen CHARGER**

Material: all metal parts stainless steel
The charger requires no batteries
By pulling a trigger, a dosimeter is easily placed in or removed from the charger
The clamping action holds the dosimeter
Power: 15,000 volt piezoelectric generator
Clamping mechanism: adjustable and self locking, spring loaded
Temperature Range: operating: -20°C to +50°C
Humidity Range: 0 to 90% Relative Humidity
Weight: approx. 245 g
Size: 152.4 x 107.9 (at its widest point) x 22.2 mm

1008 **filter Katadyn, indoor, drip type) CERAMIC BONDED ELEMENT**

Ceramic filter element with activated carbon
To be used with: FILTER KATADYN, for indoor, drip type, incl. 3 filter elements

1009 **haemoglobinometer, Sahli), PIPETTE, GLASS, SAHLI, 20µl**

Sahli pipette 20µl is used to measure exactly 20 µl capillary bloods
Material: glass
Length: 125 mm
Tolerance: 0.4 µl
With permanent graduation at 20 µl
Reusable
Packaging: single, protective wrapping in plastic bags
To be used with: HAEMOGLOBINOMETER, SAHLI, set

1010 **haemoglobinometer, Sahli), ROD STIRRING, GLASS, SAHLI**
Used to mix the capillary blood with the HCl inside the Sahli Haemoglobin tube
Material: glass
Length: 140 mm
To be used with: HAEMOGLOBINOMETER, SAHLI, set

1011 (haemoglobinometer, Sahli), TUBE, GRADUATED, GLASS, SAHLI
Round measuring tube, scaled 10-140% in 1% steps on one face and 2 to 22g haemoglobin in 0.2 g steps on the opposite face
To be used with: HAEMOGLOBINOMETER, SAHLI, set

1013 TAPE, adhesive, red-white, 50 m, 5 cm width

1014 TAPE, adhesive, yellow, 50 m, 5 cm width

1015 AGGLUTINATION TILE, CERAMIC, with 12 round holes
Ceramic tile allowing to control the blood group by mixing blood and blood group reagent in the holes
Material: ceramic
Tile with 12 holes, re-usable after washing

1016 ALARM CLOCK, digital, 1sec-24h
Timer digital interval with ringer for timing staining techniques, biochemistry tests, ESR tests
Interval 1 sec to 24 hours
With ringer or signal
1017  RESPIRATOR, ANAESTESIA, portable draw-over system

Portable Draw-over Anaesthesia System which can be used with a separate respirator
Like ‘Glostavent® DPA 01’
Weight: 9.5 kg
Accepts any oxygen source available and ventilation is carried out using the in-line self-inflating bag
Suitable for continuous flow or draw-over anaesthesia
Extremely low maintenance, works in difficult conditions
To be supplied with: Draw-over vaporiser (Halothane / Isoflurane or Sevoflurane)
   Self-inflating bag
   Non re-breathing patient valve and mask
   Oxygen supplementation tube
   Oxygen conservation and reservoir system
   Adult and paediatric circuits
   Instruction manual
   Case
1019 ANALYSER, DRY CHEMISTRY

Used to perform biochemistry examinations by dry chemistry with different strips from specimen such as whole blood, plasma and serum

Like Roche Reflotron-Analyser

Analyser to determine different biochemistry results by dry chemistry

Measurement temperature: 37°C

Results after 2 - 3 min

18 - 30 tests per hour

Operable temperature range: 15°C to 34°C

Humidity max.: 95%

Printer integrated

Memory capacity up to 60 results with date, hour and patient identification number

Electricity: 115 - 230 V (± 22%)

To be supplied with:

- 1 Workstation
- 5 rolls Printing paper
- 5 pcs Printing colour band
- Reflotron®Clean + Chek for 15 tests

1021 ANTI MOULD STRIP

Used for fixing inside the tubular opening and inside the microscope head to protect the back side of the oculars, the tubus lens and the above objective lens

Material: anti mould chemical strip fixed on a plastic device

The anti mould chemical strip contains a toxic substance, which evaporates so that fungus should not grow at the optical lenses

The strip should be replaced every three years

Install the strip immediately after taking it out from the package

Do not eat or swallow; keep away from small children and pets

1022 APPLICATOR STICK, 200 mm, wood, without cotton

Used to mix body fluids with reagent, or prepare slides for microscopy such as sputum smears

Material: wood
Non sterile, disposable

1023 APRON, protection for X-ray, GONADE, 0.5 mm Pb, large

Gonadal protection for X-ray examinations of the thorax and of the upper abdominal region
Flexible, weight optimized lead
Multilayer material made of natural rubber with specially coated ComforTex cover
Hip tension strap for putting on and taking off the apron easily
Lead equivalent: 0.5 mm Pb
Other requirements: corresponds to DIN 6813, RöV, IEC

1024 APRON, reusable, heavy duty, acid resistant, PVC

Worn over work wear when carrying out certain surgical procedures and cleaning work in the sterile services department
Material: PVC or nitric rubber
Straight apron with bib, back fastening and adjustable neck strap
High tear resistance and tear propagation resistance, very flexible and lightweight
Welded-on plastic eyes for neck bands and side bands of polyester.
Standard adult size approx 120 x 90 cm
Thickness: min. 0.3 mm
High resistance to fats, acids and heat
Can be washed and disinfected
Non-sterile, multiple use
Approved as clothing for protection against chemicals based on EN 14605 (type 3 and 4)
1025 APRON, plastic, white, 125 cm long x 75 cm wide, disposable

Used to protect clothing or work wear
Material: white plastic
Packaging and labeling: no. of units on case or bag
Category 1 Personal Protective Equipment according to Annex I of Regulation (EU) 2016/425

1026 APRON, plastic, white, 150 cm long x 75 cm wide, disposable

Used to protect clothing or work wear
Material: white plastic
Packaging and labeling: no. of units on case or bag
Category 1 Personal Protective Equipment according to Annex I of Regulation (EU) 2016/425

1027 APRON, X-ray protection, radiologist, 0.35 mm Pb, large

Back panels should guarantee sufficient X-ray protection for shoulder blades and ribs on the back of the body
Rubber tape with snap fasteners at the back
Lead equivalent:
- in the front part: 0.35 or 0.50 mm Pb
- in the back panels: 0.25 mm Pb
Large size: from approx. 115 cm chest
Other requirements: corresponds to DIN 6813, R6V, IEC and CE
1028 APRON, SURGICAL, 90 cm x 140 cm, reusable

Protective apron for surgeons and midwives
Material: rubber
Reusable, autoclavable, boilable
Moisture-proof and stain resistant

1031 AUTOCLAVE, 14 ltr, electric

Steam sterilizer, pressure type, used to sterilize medical devices (non-wrapped instruments, laboratory glassware etc.)
Components:
- Pressure vessel containing a perforated basket with feet
- Cover with rubber seal
- Pressure gauge
- Pressure regulator
- Safety valve
Materials: metal pressure vessel, cover and basket in aluminium alloy or stainless steel, seals of silicone rubber
Metal vessel with high-pressure seal suitable for carrying out sterilization using superheated steam
With capability for creating vacuum after sterilization phase (by condensation) for improved drying
With built in electrical heating
230 V-2 KW
Capacity: 14-15 litre
Internal Height (useable): approx 245 mm
Internal Height (total: approx 280 mm
Internal Diameter: 280 mm
Design Pressure: 1.3 bar (18 psi)
Design Temperature: 0 - 125°C
Maximum Working Temperature: 121°C
Standard Working Temperature: 121°C
Manual timing
Labeling: name and address of supplier (manufacturer), manufacturer's guarantee certificate and accompanying instructions for use to be included inside the package

Other requirements: to comply with H&SE PM73 (Lid Locking Devices) BS3456 Part 101 1987 (Electrical Safety)
CE Marked in compliance with EMC regulations 1992
CE-mark according Low-Voltage-Directive 73/23/EWG

To be supplied with: 1 gasket or sealing ring
1 inner lining with handles

1032 AUTOCLAVE, COMBINED, 90 l, elec./kero., incl. kero. burner

Autoclave for hospitals with surgical activities, in outlying hospital or emergency surgical setup where running water and energy source are scarce
The sterilizer should be suitable for the sterilization of medical supplies:
- Porous loads
- Surgical instrument sets
- Rubber ware

Functional requirements:
The processed load shall meet the requirements given in the European standards EN556 in terms of Sterility Assurance Level. The manufacturer shall provide written confirmation of compliance to these requirements
Compliance to these requirements implies:
- operating temperature: 120-134°C
- the presence of provisions for adequate pre-sterilization air-removal, using above atmospheric steam pulses
- the presence of provisions for adequate drying by a vacuum system using the principle of condensation of steam (through water or air cooled condensor)
- the presence of admission of filtered air into the chamber after the vacuum phase for drying
- successfully passing the full porous load test as per EN285 including the standard Bowie and Dick test pack

Chamber:
- volume in the range of 80-100 litres
- preferably be fitted with a jacket
- stainless steel
- extra port for thermocouple entry

Steam generation:
- Steam shall be generated in the sterilizer chamber, jacket or separate steam generator

Energy supply should be possible by electricity, kerosine and gas

Control system:
- Valves shall be operated mechanically (not by electric solenoid valves nor pneumatic valves)
- It should be possible that relevant components (valves, locks etc) can be operated manually
- It should be possible to step through the phases of the sterilization process manually
- In order to reduce the chance of operator mistakes, single-knob operation for manual stepping through the sterilizing process preferred
- An indicator shall display the current phase of the process
- Where powered automatic or semi-automatic control systems are incorporated, it should be possible to commence through the process steps manually in case of a breakdown of the automatic control system or the failure of electrical power to the control system
- Temperature control of the sterilization phase of the process can be through temperature or pressure. When controlled by pressure, it should be possible to compensate for the altitude of the location of installation. Adequate instructions shall be provided for calibrating the controller to correct temperature.

Instrumentation:
- Pressure gauge for jacket pressure, when fitted (preferred units in Bar or Pascals)
- Pressure gauge for chamber pressure (preferred units in Bar or Pascals)
- Thermometer indicating chamber temperature at the steam exhaust from the chamber (in °
- C and °F
- Timer (either built-in or supplied as a separate item)
- If necessary the units on gauges can be adjusted to the requirements of the client
- Mechanical and electrical safety and quality
- Pressure vessels, piping and the safety devices should comply with relevant international standards (prEN 13445; unfired pressure vessels)
- Any electrical circuitry should comply with relevant international standards (IEC 61010-2- 045)
- The electrical heating system shall be 3 phase; 230/400VAC
- Any electrical circuitry should allow voltage fluctuations of up to 25% above and below nominal voltage. If electronic components are used, the power supply to the electronic circuitry should incorporate a voltage stabilizer allowing voltage fluctuations of 30% and suppressing peak voltages and reducing the fluctuations to a maximum of 10%
- The machines shall be designed for an operational lifespan of approx 15 years of normal use

Kerosene burners shall meet minimum safety and performance requirements
All components shall be non-corrosive or protected such that corrosion will not occur

Safety provisions:
- Means shall be fitted to prevent the opening of the lid or door while the chamber is pressurized
- The sterilizer shall have provisions for the testing of the operation of the pressure safety devices
- Where possible, the design shall reduce the chance of injuries caused by hot components

Accessories:
- Pieces of adequate tubing/piping for steam exhaust, cooling water (if applicable)
- Cable for electrical connection (if applicable)

Spare parts:
The sterilizer shall be provided with a set of spare parts required for a period of 3 years of normal operation
Required spares will depend on the actual design
The following is a guideline:
- Lid/door gaskets
- Heating elements
- Set of bulbs for indicator lights

Quantities of spare parts shall be recommended by the manufacturer, based on the expected lifespan of the specific parts
The manufacturer shall ensure that spare parts are available for a period of at least 10 years after commissioning of the steriliser
The manufacturer shall specify, wherever possible, alternative parts and/or instructions for temporally emergency repairs

Maintenance:
- It shall be possible to perform all standard maintenance work with a basic, standard set of tools for mechanical/electrical engineering

To be used with:

- (autoclave combined, 90l) BASKET, stainless steel
- DRUM, STERILIZING, 18 cm, diam. 17 cm, filter in top and bottom
- DRUM, STERILIZING, 18 cm, diam. 34 cm, filter in top and bottom
- DRUM, STERILIZING, 28 cm, diam. 34 cm, filter in top and bottom
1033 BAG, 12 x 15 cm, "MINIGRIP" type, plastic

1034 BAG, COLOSTOMY, No 30, adhesive, disposable

For collecting stools from a patient with a colostomy (artificial anus)
Closed adhesive stoma pouch with deodorising filter and pre-cut opening
Adheres directly to the skin
Pouch that is not drainable from the bottom
When it is to be emptied, it is removed and thrown away
Pouch:
- 3 transparent odour film layer with microporous adhesive tape allowing moisture vapour to pass through
- Water proof backing
Deodorising filter:
- small square sachet inside the pouch containing sur activated charcoal granulate fiber which absorbs gases and the unpleasant smells produced by the bowel
Size of pouch: 22.6 x 16.5cm
Opening diameter: 35 or 45mm
**BAG, COLOSTOMY, No 45, adhesive, disposable**

For collecting stools from a patient with a colostomy (artificial anus)
Closed adhesive stoma pouch with deodorising filter and pre-cut opening
Adheres directly to the skin
Pouch that is not drainable from the bottom
When it is to be emptied, it is removed and thrown away
Pouch:
- 3 transparent odour film layer with microporous adhesive tape allowing moisture vapour to pass through
- Water proof backing
Deodorising filter:
- small square sachet inside the pouch containing sur activated charcoal granulate fiber which absorbs gases and the unpleasant smells produced by the bowel
Size of pouch: 22.6 x 16.5cm
Opening diameter: 35 or 45mm

**BAG, PE plastic, for garbage, 30L, black, 0.02mm**

Used for domestic garbage
Minimum 0.02mm thick plastic
Material: PE

**BAG, PE plastic, for garbage, 60L, black, 0.02mm**

Used for domestic garbage
Minimum 0.02mm thick plastic
Material: PE

**BAG, plastic for clinical waste, yellow**

Safe disposal of clinical waste, for incineration only
Capacity: 60L
Other requirements: according to UN3291

**BAG, URINE, 2 l, with tap and non-return valve, graded**

Bag which can be emptied in order to avoid unnecessary handlings reduces infection risk and is more economical
Container: plastic, flexible, graduated in 100 ml, with holes for suspending the bag
Inlet tube: 90cm approx. with universal crenellated connector to fit a catheter, with a protective cap
Outlet tube: with drain tap protected by a cap
Material:
- Polyvinyl chloride (PVC) or polypropylene or ethylene vinylacetate (EVA) for the collectors
- Medical grade Polyvinyl chloride (PVC) for the tubes
Non-return valve inside the reservoir: upper part / urine entry
Emptying tap with sealing cap to maintain sterility inside the reservoir
Non-sterile, disposable
Other requirements: meets norm EN ISO 8669-2
BANDAGE, ELASTIC, 8 cm x 5 m, constraining

Light support bandage also known as short stretch or minimal stretched bandage.
These bandages are designed to "lockout" at a low level of extension avoiding high level of pressure.
Thus can be used to give support to sprained or strained joint and to prevent swelling without applying high level of compression to underlying tissue.
Material: Fabric, plain weave, warp/polyamide 36 % filament, weft/ cotton or viscose 63%.
Fast edges, one continuous length.
Low extensible - short -stretch bandage, with durable elasticity.
Colour: white.
Extensibility approx. 90% +/- 10
Length stretched/ nominal length: 5m/64 g/m
Length un-stretched: 2.63m/ 120 g/m
Elasticity: maintained after washing, stretching and autoclaving at 135°C
Non-detectable by X-ray, non-sterile.
Packaging: Protective wrapping and bulk carton with length and width displayed on the label.

BANDAGE, ELASTIC, 10 cm x 5 m, constraining

Light support bandage also known as short stretch or minimal stretched bandage.
These bandages are designed to "lockout" at a low level of extension avoiding high level of pressure.
Thus can be used to give support to sprained or strained joint and to prevent swelling without applying high level of compression to underlying tissue.
Material: Fabric, plain weave, warp/polyamide 36 % filament, weft/ cotton or viscose 63%.
Fast edges, one continuous length
Low extensible - short-stretch bandage, with durable elasticity
Colour: white
Extensibility approx. 90% +/- 10
Length stretched/ nominal length: 5m/64 g/m
Length un-stretched: 2.63m/ 120 g/m
Elasticity: maintained after washing, stretching and autoclaving at 135°C
Non-detectable by X-ray, non-sterile
Packaging: Protective wrapping and bulk carton with length and width displayed on the label

**1042 BANDAGE, ELASTIC, 12 cm x 5 m, constraining/compressive**

Elastic bandage is designed to produce contention / compression to improve oedema re-absorption and to prevent post-operative thrombosis
High extensible, medium stretch compression bandages, with durable elasticity, have a high recoiling force and are thought to increase expelled blood volume and reduce venous hypertension
They apply a sustained level of compression over time
Material:
- Woven fabric 83% cotton; 14% polyamide, 3% polyurethane
- The weft threads of the bandage are made of cotton and the warp threads of false-twisted polyamide and polyurethane that together impart a high degree of elasticity
Colour: skin
Extensibility approx.187 % +/- 10
Length stretched: 5 m/136 g/m2
Length un-stretched: 1.74 m/390 g/m2
Nominal Width: 15cm
Elasticity: maintained after washing, stretching and autoclaving
Non-detectable by X-ray, non-sterile
**Acceptable alternative:**
Material: high-twist cotton threads with normal-twist cotton threads in warp 100% cotton ("crepe bandage" with blue lines)
Colour: skin
Warp: 12 threads/cm, unbleached cotton, high-twist
Weft: 5 threads/cm ± 2 threads unbleached cotton
Length un-stretched: 2.5 m to 3 m
Length stretched: 5 m with 150% elasticity minimum
Packaging: protective wrapping and bulk carton with length width and material displayed on the label

**1043 BANDAGE, ELASTIC, 15 cm x 5 m, constraining**
Light support bandage also known as short stretch or minimal stretched bandage
These bandages are designed to "lockout" at a low level of extension avoiding high level of pressure
Thus can be used to give support to sprained or strained joint and to prevent swelling without applying high level of compression to underlying tissue
Material: Fabric, plain weave, warp/polyamide 36 % filament, weft/ cotton or viscose 63%
Alternative: cotton fabric, plain weave, treated to impart some elasticity: warp twisted cotton threads weft of cotton
Fast edges, one continuous length
Low extensible - short -stretch bandage, with durable elasticity
Colour: white
Extensibility approx. 90% +/- 10
Length stretched/ nominal length: 5m/64 g/m
Length un-stretched: 2.63m/ 120 g/m
Elasticity: maintained after washing, stretching and autoclaving at 135°C
Non-detectable by X-ray, non-sterile
Packaging: Protective wrapping and bulk carton with length and width displayed on the label

1044  BANDAGE, ESMARCH, 8 cm x 500 cm
Wide rubber band, used to empty venous blood from an upper or lower limb by applying circular compression from the bottom towards the top
Acting as a tourniquet (e.g. performing endo-venous anaesthesia during hemorrhagic surgery on limbs) in order to limit bleeding
Material: natural rubber
Dimensions: 8cm wide, 5m long, 2mm thick
Autoclavable
Firm, moderate elasticity
Non-sterile

1045  BANDAGE, GAUZE, 6 cm x 4 m, elastic, non sterile
Material: bleached purified textile, plain weave gauze, absorbent, 100% cotton
Selvedge protects against fraying
Thread Count:
- Warp: 12 threads/cm
- Weft: 8 threads/cm
Weight: Approx. 27.5 g/m2
Non-elastic, non-adhesive and non-detectable by X-ray, non-sterile
Packaging: in rolls, individually presented in suitable protective wrapping with the following
information on the labels:
- Length
- Width
- Material
- Type of bandage

Other requirements: meets Pharmacopoeia specifications

1046  BANDAGE, GAUZE, 08 cm x 4 m, elastic, non sterile

Material: bleached purified textile, plain weave gauze, absorbent, 100% cotton
Selvedge protects against fraying
Thread Count:
- Warp: 12 threads/cm
- Weft: 8 threads/cm
Weight: Approx. 27.5 g/m²
Non-elastic, non-adhesive and non-detectable by X-ray, non-sterile
Packaging: in rolls, individually presented in suitable protective wrapping with the following
information on the labels:
- Length
- Width
- Material
- Type of bandage

Other requirements: meets Pharmacopoeia specifications

1047  BANDAGE, GAUZE, 10 cm x 4 m, elastic, non sterile

Material: bleached purified textile, plain weave gauze, absorbent, 100% cotton
Selvedge protects against fraying
Thread Count:
- Warp: 12 threads/cm
- Weft: 8 threads/cm
Weight: Approx. 27.5 g/m²
Non-elastic, non-adhesive and non-detectable by X-ray, non-sterile
Packaging: in rolls, individually presented in suitable protective wrapping with the following
information on the labels:
- Length
- Width
- Material
- Type of bandage

Other requirements: meets Pharmacopoeia specifications
1048  **BANDAGE, GAUZE, 12 cm x 4 m, elastic, non sterile**

Material: bleached purified textile, plain weave gauze, absorbent, 100% cotton  
Selvedge protects against fraying  
Thread Count:  
- Warp: 12 threads/cm  
- Weft: 8 threads/cm  
Weight: Approx. 27.5 g/m²  
Non-elastic, non-adhesive and non-detectable by X-ray, non-sterile  
Packaging: in rolls, individually presented in suitable protective wrapping with the following information on the labels:  
- Length  
- Width  
- Material  
- Type of bandage  
**Other requirements:** meets Pharmacopoeia specifications

1049  **BANDAGE, JERSEY, TUBULAR, cotton, unbleached, 2,5cmx25m**

Material: 100% cotton, unbleached, non-sterile  
Elasticity: minimum of 3-4 times the original width  
Knitted jersey tube without seam  
Good resistance to laddering in both directions  
Packaging: in rolls individually presented in suitable protective wrapping with the following information on the labels:  
- Length  
- Width  
- Material  
**Other requirements:** meets Pharmacopoeia specifications

1050  **BANDAGE, JERSEY, TUBULAR, cotton, unbleached, 6cmx25m**

Material: 100% cotton, unbleached, non-sterile  
Elasticity: minimum of 3-4 times the original width  
Knitted jersey tube without seam  
Good resistance to laddering in both directions  
Packaging: in rolls individually presented in suitable protective wrapping with the following information on the labels:  
- Length  
- Width  
- Material  
**Other requirements:** meets Pharmacopoeia specifications

1051  **BANDAGE, JERSEY, TUBULAR, cotton, unbleached, 10cmx25m**

Material: 100% cotton, unbleached, non-sterile  
Elasticity: minimum of 3-4 times the original width  
Knitted jersey tube without seam  
Good resistance to laddering in both directions  
Packaging: in rolls individually presented in suitable protective wrapping with the following information on the labels:  
- Length  
- Width
Other requirements: meets Pharmacopoeia specifications

1052 **BANDAGE, JERSEY, TUBULAR, cotton, unbleached, 15cmx25m**

Material: 100% cotton, unbleached, non-sterile  
Elasticity: minimum of 3-4 times the original width  
Knitted jersey tube without seam  
Good resistance to laddering in both directions  
Packaging: in rolls individually presented in suitable protective wrapping with the following information on the labels:  
- Length  
- Width  
- Material  
Other requirements: meets Pharmacopoeia specifications

1053 **BANDAGE, PADDING, FOR PoP, 10 cm x 2,7 m**

Material: 100% Viscose fiber, non-woven undercast padding material  
Viscose makes the product highly absorbent, reducing the risk of skin maceration

1054 **BANDAGE, PADDING, FOR PoP, 15 cm x 2,7 m**

Material: 100% Viscose fiber, non-woven undercast padding material  
Viscose makes the product highly absorbent, reducing the risk of skin maceration

1055 **BANDAGE, PLASTER OF PARIS, 10 cm x 3 m**

A gauze bandage coated with Plaster of Paris  
The bandage is supplied wrapped around a plastic spools which is designed to allow rapid and even wetting upon immersion  
Once wet the bandage sets to form a hard rigid structure, which is both porous and absorbent  
Material:  
- Textile base: Plain weave gauze fabric, 17 threads  
- Plaster of Paris: Blend of alpha & beta forms of calcium sulphate hemi hydrate, together with binders and accelerators to made the POP stick on the textile base  
- Spool: plastic  
Soaking temperature: 20-25°C (check manufacturer instructions)  
Immersion time: 7- 8 seconds (check manufacturer instructions)  
Rapid setting: 100 seconds  
Permeable to X-ray  
Packaging:  
One roll presented in a heat-welded protective wrapping (against humidity) with the following information on the wrapping label:  
Length, width, rapid setting, lot no, exp date, manufacturer  
Direction of use: on labeling or separate  
Storage recommendations:  
- Keep under dry conditions (deteriorates under exposure to dampness)  
- Keep at moderate temperature max. 25°C (deteriorates under exposure to heat)  
Other requirements: meets Pharmacopoeia specifications  
To be used with:  BANDAGE, JERSEY, TUBULAR, cotton, unbleached, 4 cmx25m (or
**BANDAGE, PLASTER OF PARIS, 15 cm x 3 m**

A gauze bandage coated with Plaster of Paris
The bandage is supplied wrapped around a plastic spools which is designed to allow rapid and even wetting upon immersion
Once wet the bandage sets to form a hard rigid structure, which is both porous and absorbent
Material:
- Textile base: Plain weave gauze fabric, 17 threads
- Plaster of Paris: Blend of alpha & beta forms of calcium sulphate hemi hydrate, together with binders and accelerators to made the POP stick on the textile base
- Spool: plastic
Soaking temperature: 20-25°C (check manufacturer instructions)
Immersion time: 7-8 seconds (check manufacturer instructions)
Rapid setting: 100 seconds
Permeable to X-ray
Packaging:
One roll presented in a heat-welded protective wrapping (against humidity) with the following information on the wrapping label:
Length, width, rapid setting, lot no, exp date, manufacturer
Direction of use: on labeling or separate
Storage recommendations:
- Keep under dry conditions (deteriorates under exposure to dampness)
- Keep at moderate temperature max. 25°C (deteriorates under exposure to heat)
**Other requirements:** meets Pharmacopoeia specifications
**To be used with:** BANDAGE, JERSEY, TUBULAR, cotton, unbleached, 4 cmx25m (or 06 cm, 08 cm wide)
BANDAGE, PADDING, FOR PoP, 10 cm x 2.7 m

**TAPE, BARRIER, striped (red-white), non-adhesive, 80mm x 500 m, roll**

**BATHING TUB, babies**

Thick plastic that won't buckle from baby's weight or the weight of the water
For infants up to approx 2-3 years old
Approx 25 litres
No rough edges
1060  **BATTERY CHARGER, 230V, 12 V/25 A, fully automatic**

For lead batteries  
Input 170 to 275V/50 Hz  
Output 12 V / 20A  
Automatic I-U-U charging curve  
Overload protection  
Fused

1061  **BATTERY CHARGER, for rechargeable dry cell batteries**

For rechargeable dry cell batteries 1.2 V and 9 V, size AA, C, D  
For 4 batteries  
Power supply: 110-230 V

1062  **BATTERY, 3v, coin cell, model 2032, diam.20 mm**

1064  **BATTERY, dry cell, rechargeable, 1.2V, AA(LR6) 14.5 x 50.5mm**

NiMH (nickel metal hydride)

1065  **BEAKER, GLASS, 250 ml**

Graduated container to measure liquids  
Beaker high design, graduated  
Packaging: protective bubble foil

1066  **BEAKER, GLASS, 600 ml**

Graduated container to measure liquids  
Beaker high design, graduated  
Packaging: protective bubble foil
1067  **BEAKER, GLASS, 1000 ml**
Graduated container to measure liquids
Beaker high design, graduated
Packaging: protective bubble foil

1068  **BEAKER, POLYPROPYLENE OR PMP, 1000 ml**
Graduated container to measure liquids
Material: Polypropylene or PMP (TPX)
Beaker low form, graduated

1069  **BEDPAN, with handle + cover, plastic, autoclavable**
Bedpan for adults confined in bed
Slipper type, with lid and handle
Size: L/W/H: 450 x 280 x 10 mm
Volume: 2.5 litres
Autoclavable at 130°, 20 min maximum
Material: Polypropylene

1070  **BEDSHEET, white, 1.5m x 2.5m**
Single layer
Cotton 150 g/m²
Washable at 90°C

1072  **BLADE, SCALPEL, No 10, for handle No 3, sterile**
Surgical blade for use with standard handle n°4 and n°3
Material: Martensitic steel (quenched, magnetic steel)
Sterile instrument/disposable
Length: 5.8 cm
Packaging: each blade individually wrapped in laminated foil, box of 100 units
Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr

1073 **BLADE, SCALPEL, No 11, for handle No 3, sterile**

Surgical blade for use with standard handle n°3  
Material: Martensitic steel (quenched, magnetic steel)  
Sterile instrument/disposable  
Length: 5.8 cm  
Packaging: each blade individually wrapped in laminated foil, box of 100 units  
Labeling:  
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr

1075 **BLADE, SCALPEL, No 20, for handle No 4, sterile**

Surgical blade for use with standard handle n°4  
Material: Martensitic steel (quenched, magnetic steel)  
Sterile instrument/disposable  
Length: 5.8 cm  
Packaging: each blade individually wrapped in laminated foil, box of 100 units  
Labeling:  
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr
1076  BLANKET, medium-thermal, grey, 100% synth., 1.5x2m

- washable at 60° C
- Medium thermal type (min. Rct=0.25)
- Weight: min. 200g/m²; max. 400g/m²
- Fire resistance according to ISO12952-1 (resistance to cigarette and flames: no ignition)
- Tensile strength according to ISO13934-1

- No bad smell, not irritating to the skin
- Free from harmful VOC (Volatile Organic Components)

- Finish: Whipped seam at 10mm from the edge with 10 to 13 stitches/10cm or stitched ribbon or hemmed on 4 sides; corners can be round up to 10cm radius, or square.

1077  BLENDER, handheld, electrical, 200 W

- European plug
- To be supplied with: plastic measuring jug, min. 500 ml capacity

1078  BLOOD BAG, CPD Adenine, 450 ml, simple

- For collecting blood from the donor, storage and transfusion (using a blood giving set)
- With blood sample plug
- Material: Di-ethylhexyl phthalate (DEHP) plasticized PVC
- Volume of CPDA per bag: 63 ml / 450 ml
- Blank label for essential data
- Sterile
- Packaging: Om
  - Sterile sets in aluminium foil
- Airtight wrapping
- Protection against light

Labeling:
- Type and quantity of anti-coagulant
- Capacity of bag
- Expiry date and batch number

To be used with: BLOOD GIVING SET (transfusion)

Other requirements: Conforms to ISO 3826

1079 BLOOD GIVING SET (transfusion)

For transfusion of blood and blood products

Components and materials:
- Tube: PVC based material
- Perforator: stainless steel, encased in polyamide or moulded from ABS or POM (polyacetal)
- Air inlet; Drop-counting chamber: PVC
- Blood filter: polyamide (fibres of PA)
- Flow regulator: polystyrene
- Injection port: latex

The materials must be perfectly compatible with the complex environment of blood

The tube:
- Transparent (allowing the detection of air bubbles), supple, resistant to kinking
- ± 150cm long (giving the set an overall length of 170cm)
- Ended by a male, Luer, lock or slip connector, with or without bung, allowing connection to another intravenous systems

The perforator:
- Hollow device situated at the proximal end of the set, allowing the set to be connected to the bottle or flexible blood bag
- Composed of a needle or a tapering tube, mounted on a base ensuring a good seal between the set and the blood container

The air inlet:
- Essential for infusing blood contained in glass or rigid plastic bottles
- bacteriological filter which holds back the micro organisms
- EITHER separated from the perforator (made up of a needle attached to a filtering waterproof membrane or a cotton tube)
- N.B.: Its tip should be situated above the opening of the perforator in order to prevent air bubbles entering the flow canal of the perforator
- OR incorporated into the perforator (made up of a tapering tube attached to a waterproof membrane)

The drop-counting chamber:
- Transparent, supple, compressible bag, with a calibrated tube at its upper end
- Is both a trap for air bubbles and a measuring device of the transfusion flow rate by counting the drops

The blood filter:
Incorporated into the drop-counting chamber
- Total useful surface area not less than 25 cm²
- May be made of polyamide 6-6 with a mesh of 200 µ ± 20 µ, or similar material of which the effective filtration rate is higher than 80% of the reference polyamide filters effective filtration rate

The flow regulator:
- Situated on the tube between the drop-counting chamber and the connector
- Narrows the lumen of the tubing by compression without damaging the tube
- Allows precise regulation as well as complete cessation of the flow in closed position

The injection port:
- Allows introduction via a needle of an injectable drug into the flow of transfusion
- Formed by a self-sealing bung, situated as near as possible to the connector

Sterile, disposable

Packaging:
- 1 infusion set packed in an individual sterilised peel-pack made of paper and/or plastic

Labeling:
- Exp date, lot number, items description, size, type of sterilisation, manufacturer name, ref number, CE + Nr

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**1080**  **BLOOD SAMPLING, MULTI-ADAPTOR Luer, for multiple sampling**

Like 'Sarstedt Item No.14.1205'

Material: Plastic

Safe blood collection system; single use

Packaging and labeling: each adaptor in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units

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**1083**  **BODY BAG, white, u-shaped zip, 4+ grips**
Material: PVC  
Length: 220 cm minimum  
Width: 105 cm minimum  
Thickness: 200 micron minimum  
Water-proof  
Tear-proof  
Impermeable seams (double thickness)  
Cloth support of the zip is biodegradable after one month underground

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**1084  BOLSTER FOR KRAMER SPLINT, roll, 5 m**

For soft and quick padding of Kramer splint  
**Material:** might vary e.g. 85 % cotton, 15% elastane, unbleached  
High water vapor and air permeability  
The padding properties remain unimpaired over the whole period of wear  
**To be used with:**  
SPLINT, KRAMER, 10 cm x 100 cm  
SPLINT, KRAMER, 15 cm x 100 cm

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**1085  BOOTS, rubber (Wellington), size 38, pair**

according to EN 345 S5  
**Sole:** material PVC/Nitril, antistatic oil-, acid-, petrol-resistant steel layer in sole  
**Weight:** approx 2 kg/pair  
**Shaft:** material PVC/Nitril  
**Height:** approx 38 cm
**1086**  **BOOTS, rubber (Wellington), size 42, pair**

according to EN 345 S5  
Sole: material PVC/Nitril, antistatic oil-, acid-, petrol-resistant steel layer in sole  
Weight: approx 2 kg/pair  
Shaft: material PVC/Nitril  
Height: approx 38 cm

**1087**  **BOOTS, rubber (Wellington), size 45, pair**

according to EN 345 S5  
Sole: material PVC/Nitril, antistatic oil-, acid-, petrol-resistant steel layer in sole  
Weight: approx 2 kg/pair  
Shaft: material PVC/Nitril  
Height approx 38 cm

**1088**  **BOTTLE POLYETHYLENE, 500 ml with screw cap**

Polyethylene bottles with screw cap used to distribute and store reagents

**1089**  **BOTTLE POLYETHYLENE, 1000 ml with screw cap**

Polyethylene bottles with screw cap used to distribute and store reagents

**1090**  **BOTTLE, FEEDING, plastic, including nipples**

Material: unbreakable plastic, food-safe  
Bottle size approx. 200 ml (graduated outside in ml)  
Heat resistant to boiling water  
Reusable, non sterile  
Nipples made of silicone  
**To be supplied with:** 10 spare nipples for each bottle

**1091**  **BOTTLE, HOT WATER, rubber, 2 ltr**

Ribbed design on one side (for spreading heat more evenly and comfortably)  
Light cross-hatched design on reverse side (for more intense heat)
1092  BOTTLE, swan neck jet, plastic, 250 ml
Round bottle with swan neck jet used for staining and rinsing
Material: Polyethylene
Swan neck jet
Dropper nozzle with screw cap

1093  BOTTLE, swan neck jet, plastic, 500 ml
Round bottle with swan neck jet used for staining and rinsing
Material: Polyethylene
Swan neck jet
Dropper nozzle with screw cap

1095  BOWL, SPLASH, 8 l, (330x130 mm), stainless.steel, autocl.

1096  BOWL, WASH, PLASTIC, 14 ltr
Rectangular shape
Size: approx. 40 x 40 x 15 cm

1097  BOWL, WASH, PLASTIC, 2 ltr
Round shape
Diameter: approx. 30 cm
1099  **BOWL-STAND, 2 bowls 5l, H 86 cm, 5 antista.castors, st.steel**

Double waste bowl stand to be used in operating theatre or in delivery room
Height: approx 860 mm, stainless steel 18/10
Base with 5 legs
Square tubes: approx 20 x 25 mm, stainless steel 18/10
Wheels/castors: diameter 50 mm (minimum), antistatic
Bows: approx diameter 275 x 125 mm; approx 5 litres, stainless steel 18/10, autoclavable
**Other requirements:** must be resistant to corrosion (suitable for tropical environment) and decontamination (chlorine solution)

1100  **BOX, INSTRUMENTS, covered, 30x20x5 cm stainless steel**

*To be used with:* SPECULUM, CUSCO, set

1101  **BREAST PUMP, manual**

Manual pump
2 reusable bottles 125 ml each
2 lids
Nipple and sealing disc
Can be cleaned and disinfected in boiling water

1103  **BROOM, with broom stick**

The bristles can be of diverse origin, natural or synthetic
They must be stiff and durable, and the tufts must resist strong pulling by hand
Stick made of wood

1104  **BRUSH, FOR CLEANING INSTRUMENTS WITH LUMEN, 3mmØ x 30cm**

For cleaning of laparoscopic instruments, suction devices etc
White medical grade nylon bristles with surgical stainless steel twisted and spun wire
Resists temperatures up to 100°C
Can be cleaned with soap and disinfected in hot water

1105  **BRUSH, FOR CLEANING INSTRUMENTS WITH LUMEN, 5mmØ x 30cm**

For cleaning of laparoscopic instruments, suction devices etc
White medical grade nylon bristles with surgical stainless steel twisted and spun wire
Resists temperatures up to 100°C
Can be cleaned with soap and disinfected in hot water
1106  **BRUSH, FOR CLEANING INSTRUMENTS WITH LUMEN, 10mmØ x 40cm**

For cleaning of laparoscopic instruments, suction devices etc
White medical grade nylon bristles with surgical stainless steel twisted and spun wire
Resists temperatures up to 100°C
Can be cleaned with soap and disinfected in hot water

1107  **BRUSH, FOR CLEANING INSTRUMENTS, nylon bristles**

Plastic handle
18 cm length with stiff, white medical grade nylon bristles
Resists temperatures up to 100°C
Can be cleaned with soap and disinfected in hot water

1108  **BRUSH, FOR CLEANING INSTRUMENTS, soft stainless steel bristles**

For use on rasps, files, reamers, burs, blades, drill bits, needle holder jaws, vascular serrations and removing stubborn baked-on stains in the box lock area
Plastic handle
18 cm length with super fine stainless steel bristles
Resist temperatures up to 100°C
Can be cleaned with soap and disinfected in hot water

1109  **BRUSH, SCRUB, nylon bristles, autoclavable**

For hand scrubbing during pre-surgical hand washing
Must be autoclavable to allow decontamination and sterilization
Material:
- Body: polypropylene (should not be in wood)
- Bristles: nylon
Body length: approx. 8 to 10 cm, width: approx.3 to 5 cm
Soft bristles, 5 rows minimum, height: 1 cm
Non-sterile

1110  **BRUSH, SCRUBBING, with broomstick**

Brush with strong plastic straw and broomstick designed for domestic purpose
The bristles can be of diverse origin, natural or synthetic
They must be stiff and durable, and the tufts must resist strong pulling by hand.
Stick made of wood

1111  **BUCKET, 23 to 26 liters, with lid**

To be used for x-ray developing solution and fixerberr solution
Minimum capacity 23 liters!

1112  **BUCKET, KICKABOUT, with lid and handle, foldable stand on castors**

Material: base frame and bucket: stainless steel
Bucket:
- Approx 10 ltrs
- with handle and lid
- Can be removed from base frame
Base frame:
- non-tip, solid balanced
- 4 or 5 casters min Ø 50 mm
- With handle for moving
Rubber cushions inside the frame to prevent pail from rattling

1113 **BUCKET, plastic, without lid, 10 L**

Round bucket
Heavy-duty plastic
Carrying capacity 20 kg
With metal handle
Stacking possibilities to lower transport costs
Strong and durable quality for a long life span in tough conditions

1114 **BUCKET, plastic, without lid, 5L**

Round bucket
Heavy-duty plastic
Carrying capacity 5 kg
With metal handle
Stacking possibilities to lower transport costs
Strong and durable quality for a long life span in tough conditions

1115 **CANNULA, NASAL, OXYGEN, adult, 2 prongs, straight, + tube**
To deliver medical oxygen directly to the patient nose via nasal cannulae (nasal prong)

Material: PVC

Oxygen flow rate of 2-4 liters/mn, delivers an FiO2 of 0.28-0.36 respectively

Prongs:
- Two straight nasal prongs, each protruding about 1cm in the nose
- Prongs are connected to a lip support and harness (one tube right / left)

Harness:
- Fully adjustable with lip support + 2 tubes

Oxygen supply tube:
- Length 1.8-2.1 m
- Has a coned connector, avoiding the need for extension lines

Other requirements: Conforms ISO 9001 EN 46001 BS 5750

1116 CAP, closing, Luer-Lock-System

Used for closing syringes

1117 SCRUB CAP, non-woven, standard size, blue, disposable

Type: Bouffant
Colour: Blue
Adult model, standard size, rubber banded
Material: Non-woven, disposable
Packaging: carton
1118  CARDIOTOCOGRAPH, baby

Ultrasound transducer
Contractions transducer (TOCO)
Automatic fetal movement detection and motion detection alarms
LED and audio FHR indicator
Clinical event marker and annotation feature
Communication ports
High resolution thermal printer

To be supplied with:
- 10 rolls of CTG paper

1119  CASSETTE, X-RAY, 24 x 30 cm, blue sensitive

A light tight flat container used to hold an X-ray film in close contact with an intensifying screen
Basic screen film system: Blue
Round edges, long lasting, shockproof, light proof
Easy to load and unload: opening recommended minimum 180°
With countersunk relief dot: clearly indicate whether the cassette is loaded with film or not
Material: metallic or tough light plastic (Novadur)
Intensifying screens: rare earth
The sheet is coated with a layer of finely divided crystals calcium tungstate (blue system) which converts x-ray energy into visible light
Packaging: 1 cassette completely marked on the back with speed of the screen and type of film to be used
Other requirements: conform to EN 6832/ANSI PH1.49/EN 60406
1120 **CASSETTE, X-RAY, 24 x 30 cm, blue sensitive, with parallel grid**

A light tight flat container used to hold an X-ray film in close contact with an intensifying screen  
Basic screen film system: Blue  
Round edges, long lasting, shockproof, light proof  
Easy to load and unload: opening recommended minimum 180°  
With countersunk relief dot: clearly indicate whether the cassette is loaded with film or not  
Material: metallic or tough light plastic (Novadur)  
Intensifying screens: rare earth  
The sheet is coated with a layer of finely divided crystals calcium tungstate (blue system) which converts x-ray energy into visible light  
Grid: 44 lines/cm  
Ratio 10:1  
Focus 140 cm  
Packaging: 1 cassette completely marked on the back with speed of the screen and type of film to be used  
**Other requirements:** conform to EN 6832/ANSI PH1.49/EN 60406

1121 **CASSETTE, X-RAY, 30 x 40 cm, blue sensitive**

A light tight flat container used to hold an X-ray film in close contact with an intensifying screen  
Basic screen film system: Blue  
Round edges, long lasting, shockproof, light proof  
Easy to load and unload: opening recommended minimum 180°  
With countersunk relief dot: clearly indicate whether the cassette is loaded with film or not  
Material: metallic or tough light plastic (Novadur)  
Intensifying screens: rare earth  
The sheet is coated with a layer of finely divided crystals calcium tungstate (blue system) which converts x-ray energy into visible light  
Packaging: 1 cassette completely marked on the back with speed of the screen and type of film to be used  
**Other requirements:** conform to EN 6832/ANSI PH1.49/EN 60406

1122 **CASSETTE, X-RAY, 35 x 43 cm, blue sensitive**

A light tight flat container used to hold an X-ray film in close contact with an intensifying screen
Basic screen film system: Blue
Round edges, long lasting, shockproof, light proof
Easy to load and unload: opening recommended minimum 180°
With countersunk relief dot: clearly indicate whether the cassette is loaded with film or not
Material: metallic or tough light plastic (Novadur)
Intensifying screens: rare earth
The sheet is coated with a layer of finely divided crystals calcium tungstate (blue system)
which converts x-ray energy into visible light
Packaging: 1 cassette completely marked on the back with speed of the screen and type of film to be used
Other requirements: conform to EN 6832/ANSI PH1.49/EN 60406

1123 CATHETER, URINARY, CH 10, 20cm, sterile, disp.

For women
Single use
Transparent
Disposable

1124 CATHETER, URINARY, FOLEY, w/ balloon, CH 08, sterile, disp.

Tube designed to be inserted into the bladder cavity, via the urethra, in order to drain off urine, instill a liquid or irrigate the bladder
The catheter consists of a straight tube with:
- 1 central channel for urinary drainage, with 2 side holes opposite each other and a rounded tip at distal end and a truncated hollow cone at proximal end
- 1 side channel for balloon inflating, ending in a non-return valve with Luer connection
- 1 balloon, inflatable
Material: Silicone coated, natural latex
Length: 40cm adults
Expanding balloon capacity: 15ml/adults
Catheter size and balloon capacity has to be mentioned on the catheter itself
Initial sterilization: ethylene oxide
Packaging: 1 urine catheter sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention:
Name and/or trademark of manufacturer, sterile, lot number, expiry date by year and month,
"for single use", CE + number; product description
Other requirements: Meets the norm EN 1616

1125 CATHETER, URINARY, FOLEY, w/ balloon, CH 14, sterile, disp.

Tube designed to be inserted into the bladder cavity, via the urethra, in order to drain off urine, instill a liquid or irrigate the bladder
The catheter consists of a straight tube with:
- 1 central channel for urinary drainage, with 2 side holes opposite each other and a rounded tip at distal end and a truncated hollow cone at proximal end
- 1 side channel for balloon inflating, ending in a non-return valve with Luer connection
- 1 balloon, inflatable

Material: Silicone coated, natural latex
Length: 40cm adults
Expanding balloon capacity: 15ml/adults
Catheter size and balloon capacity has to be mentioned on the catheter itself
Initial sterilization: ethylene oxide
Packaging: 1 urine catheter sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention:
Name and/or trademark of manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description

Other requirements: Meets the norm EN 1616

1126 CATHETER, URINARY, FOLEY, w/ balloon, CH 16, sterile, disp.

Tube designed to be inserted into the bladder cavity, via the urethra, in order to drain off urine, instill a liquid or irrigate the bladder
The catheter consists of a straight tube with:
- 1 central channel for urinary drainage, with 2 side holes opposite each other and a rounded tip at distal end and a truncated hollow cone at proximal end
- 1 side channel for balloon inflating, ending in a non-return valve with Luer connection
- 1 balloon, inflatable

Material: Silicone coated, natural latex
Length: 40cm adults
Expanding balloon capacity: 15ml/adults
Catheter size and balloon capacity has to be mentioned on the catheter itself
Initial sterilization: ethylene oxide
Packaging: 1 urine catheter sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention:
Name and/or trademark of manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description

Other requirements: Meets the norm EN 1616

1127 CATHETER, URINARY, FOLEY, w/ balloon, CH 18, sterile, disp.

Tube designed to be inserted into the bladder cavity, via the urethra, in order to drain off urine, instill a liquid or irrigate the bladder
The catheter consists of a straight tube with:
- 1 central channel for urinary drainage, with 2 side holes opposite each other and a rounded tip at distal end and a truncated hollow cone at proximal end
- 1 side channel for balloon inflating, ending in a non-return valve with Luer connection
- 1 balloon, inflatable

Material: Silicone coated, natural latex
Length: 40cm adults
Expanding balloon capacity: 15ml/adults
Catheter size and balloon capacity has to be mentioned on the catheter itself
Initial sterilization: ethylene oxide
Packaging: 1 urine catheter sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention:
CATHETER, URINARY, FOLEY, w/ balloon, CH 20, sterile, disp.

Tube designed to be inserted into the bladder cavity, via the urethra, in order to drain off urine, instill a liquid or irrigate the bladder.

The catheter consists of a straight tube with:
- 1 central channel for urinary drainage, with 2 side holes opposite each other and a rounded tip at distal end and a truncated hollow cone at proximal end
- 1 side channel for balloon inflating, ending in a non-return valve with Luer connection
- 1 balloon, inflatable

Material: Silicone coated, natural latex
Length: 40cm adults
Expanding balloon capacity: 15ml/adults
Catheter size and balloon capacity has to be mentioned on the catheter itself
Initial sterilization: ethylene oxide
Packaging: 1 urine catheter sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention:
Name and/or trademark of manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description

Other requirements: Meets the norm EN 1616

CATHETER, URINARY, FOLEY, w/ balloon, CH 24, sterile, disp.

Tube designed to be inserted into the bladder cavity, via the urethra, in order to drain off urine, instill a liquid or irrigate the bladder.

The catheter consists of a straight tube with:
- 1 central channel for urinary drainage, with 2 side holes opposite each other and a rounded tip at distal end and a truncated hollow cone at proximal end
- 1 side channel for balloon inflating, ending in a non-return valve with Luer connection
- 1 balloon, inflatable

Material: Silicone coated, natural latex
Length: 40cm adults
Expanding balloon capacity: 15ml/adults
Catheter size and balloon capacity has to be mentioned on the catheter itself
Initial sterilization: ethylene oxide
Packaging: 1 urine catheter sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention:
Name and/or trademark of manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description

Other requirements: Meets the norm EN 1616

CATHETER, URINARY, THIEMANN, CH12

The urethral catheter consists of a hollow, transparent, cylindrical tube with:
- Central channel for urinary drainage
- Closed rounded distal end with two facing side windows
- Bent tip at distal end
- Proximal end with cup connector (conical tip)
Material: Polyvinyl
Without balloon
Length approx. 40 cm
Initial sterilization method: Ethylene oxide gas or Gamma radiation
Packaging and labeling: one (1) urethral catheter, sterilized, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Name and/or trademark of manufacturer, sterile, lot number, expiry date by year and month, “for single use”, CE + number; product description

1131 CATHETER, URINARY, THIEMANN, CH16

The urethral catheter consists of a hollow, transparent, cylindrical tube with:
- Central channel for urinary drainage
- Closed rounded distal end with two facing side windows
- Bent tip at distal end
- Proximal end with cup connector (conical tip)
Material: Polyvinyl
Without balloon
Length approx. 40 cm
Initial sterilization method: Ethylene oxide gas or Gamma radiation
Packaging and labeling: one (1) urethral catheter, sterilized, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Name and/or trademark of manufacturer, sterile, lot number, expiry date by year and month, “for single use”, CE + number; product description

1132 CENTRIFUGE, for 8 x 15 ml tubes; up to 6000 rpm.

Like HETTICH EBA 20
Power: 115-230 V
Adjustable non-electrical speed regulation
Complete with 8-12 place angle head with shields and glass centrifuge tubes
With electro-mechanical timer 0-60 min
To be supplied with: glass centrifuge tubes
Spare parts: 1 set carbon brushes

1133 CENTRIFUGE, HAEMATOCRIT, with rotor (75mm)

Rapid rotating system used to centrifuge the haematocrit capillary tubes
Used for concentration technique in trypanosomiasis
Like Hettich type 20
Components: rotor for 24 capillaries (75mm) incl. evaluation disk in the cover
Material: double walled plastic housing and lid are mounted on a solid metal chase
Dimensions: (W x H x D) 231 x 198 x 292 mm
Weight 5.7 kg
Electric brake 115-230 V
Time display in sec. or min
Running time max. 99 min
Lid of haematocrit rotor is cover and evaluation disc in one
Brushless frequency drive
Max. Rotation speed: 13,000 rpm
Low speed from 100 RPM possible
**To be used with:** TUBE, CAPILLARY, MICRO-HAEMATOCRIT, 75 mm, heparinised WAX FOR HAEMATOCRIT

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**1134 CENTRIFUGE, manual operated, 4x15 ml, incl. tubes**

Hand operated apparatus for rapid rotation, used to separate two substances of differing density
Centrifuge for 5 min. to obtain a satisfactory deposit
Material:
- Base: cast iron or fiberglass
- Gear support structure: metal or fiberglass; heavy duty construction
Speed up to 3000 rotations/min
Bench clamp
4 polyamide buckets for 15 ml tubes
Swing rotor for 4x15 ml tubes

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**1135 CHAIR, FOLDABLE, ARMCHAIR, nylon seat and back**

Type director's chair
Light weight frame

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**1136 CLAMP, UMBILICAL, sterile**

Designed for clamping the umbilical cord immediately after birth
Material: non-toxic medical grade polymer
Provided with double purpose security lock and protection against mishandling
Provided with grooves all along the length
Disposable
Packaging and labeling: each clamp in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units

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**1137 CLIP, X-RAY FILM**
1138 CLOCK, kitchen type, incl batteries

1139 CLEANING, CLOTH (Wiping Mop)

Size: approx. 50 x 50 cm
Washable at 90°C
Material: Cotton

1140 COAT for medical personnel, size L, white, unisex

Work wear which is worn over clothing or a surgical tunic
Material: 100% cotton woven
Washing: up to 95°C, withstands boiling and steam sterilization, resists to chlorine 0,1 %
Features:
- Long sleeves
- Mandarin collar
- 1 breast patch pocket
- 2 lower patch pockets
- Mid-tight length
- Snap closure
Non sterile, multiple use

1141 COAT for medical personnel, size M, white, unisex

Work wear which is worn over clothing or a surgical tunic
Material: 100% cotton woven
Washing: up to 95°C, withstands boiling and steam sterilization, resists to chlorine 0,1 %
Features:
- Long sleeves
- Mandarin collar
- 1 breast patch pocket
- 2 lower patch pockets
- Mid-tight length
- Snap closure
Non sterile, multiple use

1142 COAT for medical personnel, size XL, white, unisex

Work wear which is worn over clothing or a surgical tunic
Material: 100% cotton woven
Washing: up to 95°C, withstands boiling and steam sterilization, resists to chlorine 0,1 %
Features:
- Long sleeves
- Mandarin collar
- 1 breast patch pocket
- 2 lower patch pockets
- Mid-tight length
- Snap closure
- Non sterile, multiple use

1143 COLD BOX, 20.7 l VAC., Electrolux RCW25 + 24 Ice Packs 0.6 l

Cold box for storage of vaccines for several days, long range
Vaccine storage capacity: 20.7 litres
Weight fully loaded: 32.8kg
Weight empty: 17kg
External surface material: Polyethylene
Internal lining material: Polyethylene
Insulation material Polyurethane foamed with cyclopentane
Insulation thickness: 105 mm
External dimensions: 71x55x50cm
Internal dimensions: 50x34x27cm
Vaccine storage dimensions: 42x26x19cm
Lid type and fixings: hinged
Robustness in drop test: fittings 2, casing 5
Cold life without openings 181 hrs at +32°C, 130 hrs at +43°C
Since 1998 this item is coloured in blue, as opposed to yellow previously
When ordering spare parts, please indicate the product number
Number of icepacks required: 24
Other requirements: meets WHO/UNICEF Standard
To be supplied with: 24 ICE PACK, 0.6 l, Electrolux, empty, to be filled with H2O
1144 **Vaccine Carrier, long range**

Cold box for storage of vaccines for hours, long range
Vaccine storage capacity: 3.0 litres
Weight fully loaded: 7.3 kg
Weight empty: 3.1 kg
External dimensions: 36.2x28.3x29.9 cm
Internal dimensions: 21.1x10.9x15.7 cm
Vaccine storage dimensions: 21.1x10.9x15.7 cm
Lid type and fixings: hinged
External surface material: Polyethylene
Internal lining material: Polyethylene
Insulation material: Polyurethane foam
Insulation thickness: 23-27 mm
Number of icepacks required 6 x 0.3 L + 1 x 0.6 L
Number of icepacks supplied 6 x 0.3 L + 1 x 0.6 L
Icepack type required Compliant with E05/IP01-VP.1
Robustness in drop test: fittings 2, casing 1
Cold life without openings (up to 10°C) 30.3 hrs at +43°C, 6.7 hrs at +43°C
Since 1998 this item is coloured in blue, as opposed to yellow previously
When ordering spare parts, please indicate the product number
**Meets requirements:** WHO/PQS/E04/VC01-VP.1
**To be supplied with:** 6 ICE PACK, 0.3L +0.6L, empty, to be filled with H2O

1148 **COMPRESS, GAUZE, 10 x 10 cm, 8 plys, 17 thr., ster., 2 pcs**

Material: bleached purified textile, plain weave absorbent gauze, 100% cotton
Type of gauze: 17 threads/cm² (23 g/m²)
Number of plies: 8 - 12
Thread count in cm² / square inch
- Warp: 9 thread/cm²; 26/24 thread/square inch
- Weft: 8 thread/cm²; 18/20/square inch
Surgical folding: no free threads apparent after folding or when the first layer is opened
Sterile
Non-detectable by X-ray
Primary packaging and labeling:
- 2 compresses, sterile in a peel pack sachet
- Name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, “for single use”, CE + number, product description
Secondary packaging:
- Protected unit, one (1) box of 40/50 sachets of 2 compresses
- Labeling to be the same as primary packaging
Extra information required:
- Number of units per secondary packaging
- Information for particular storage conditions (temperature, pressure, light, humidity, etc.) as appropriate (or equivalent)
**Other requirements:** Meets Pharmacopoeia specifications

1149 **COMPRESS, GAUZE, 10 x 10 cm, 8 plys, 17 threads, non-ster.**

Material: 100% hydrophilic cotton, medical grade, bleached purified, woven, plain weave
Type of gauze: 17 threads/cm² or 44 thread by square inch
Thread count in cm² / square inch
- Warp: 9 thread/cm²; 26/24 thread/square inch
- Weft: 8 thread/cm²; 18/20/square inch
Weight: minimum 23 g/m²
With selvedge to avoid the gauze to fray
Number of folds (thickness): 8 - 12
Surgical folding: no free threads appear after folding and when first outside fold is opened
Non-detectable by X-ray
Packaging: paper packet of 100 compresses, packed in suitable carton box
The following information must appear on the label of each packet:
- folded dimensions
- type of gauze
- no of ply
Other requirements: meets Pharmacopoeia specifications

1150 COMPRESS, LAPAROTOMY, 40x40 cm, X-ray detectable, loop

Sterile compress with high absorption capacity used to absorb blood and various exsudates during surgical operation
Material: absorbent gauze, 100% cotton, bleached, purified, plain weave
Thread count:
- Warp: 95 to 105 threads / 10cm
- Weft: 66 to 75 threads / 10 cm
- 17 threads /cm²
Weight / m²: 23 g
4 layers
Edges folded over and sawn, giving high strength and preventing any loose threads
With loop for holding
X ray detectable
Pre-washed for better absorption
Packaging: 1 compresse, sterile in a peel pack sachet
Other requirements: Meets the European Pharmacopoeia specifications
**1151  CONNECTOR, TUBES, biconical, symmetric. ext dia. 7 to 11 mm, autocl.**

Bi-conical connector, straight, transparent or opaque used to connect catheters and tubes of different diameters  
Material: Polycarbonate  
Rigid tube, 5 cm long, with external diameter increasing from each end toward the centre  
External ø (d1) 7 mm, (d2) 11 mm  
Non-sterile, autoclavable  
Packaging: in plastic bag  
Each bag to be clearly marked with the name and characteristics of the article and number of units per bag

**1152  CONTAINER, INFECTIOUS SUBSTANCES, for transport, 1 litre**

The bi-container allows to ship infectious substances (items identified as class 6, division 5.2 from international IATA regulation)  
Material: Outside layer carton case, reinforced with 2 carton plate on 4 sides and top  
Plastic container watertight/airtight/dustproof  
Container closure: tap screw type with gasket seal  
1 Absorbing tissue: 160 x 280 mm  
External dimension: 200 x 200 x 200 mm  
Internal dimension: 100 x 100 x 100 mm  
Transport conditions: Room temperature
1153  SHARP CONTAINER, Plastic, for used syringes and needles, 5l

Material: heavy-duty plastic;
able to close with a tight-fitting
puncture-resistant lid, without sharps being able to come out
upright and stable during use
Leak-resistant.
Self-locking and sealable
Properly labeled to warn of hazardous waste inside the container

1154  COTTON STICK, sterile

Cotton sticks are used to prepare urethral or vaginal smears
Material: cotton tip on wooden or PP stick
Sterile, disposable
Length: 150 mm
Individually packed
Packaging: in sterile peel pack, indicating expiry date

1155  COUNTER, MULTIPLE BANK, differential, 9 keys, + totalizing, mechanical

Mechanical instrument to count simultaneously 9 different leukocyte parameters
9 counters of 3 digits
1 totalizing machine of 3 digits with warning every 100 units
Reset button
Material: metallic case

1156  COUNTER, 'TALLY', mechanical, 1 button (0-9999)

Mechanical instrument used for counting elements (white blood cells, parasites)
Material: plastic or chromium-plated steel case
4 digits counter (0-9999)
Reset button
Case with stand and ring

1157  COUNTING CHAMBER, FUCHS-ROSENTHAL, depth 0.2mm, simple grid

The Fuchs-Rosenthal counting chamber is used to count white and red blood cells in CSF
Modified double-engraved bright line grid
Material: glass
- Depth 0.2 mm
- Volume: 3.2 mm³
With two haemocytometer glass cover slides (re-usable)
Packaging: protective packaging
To be used with: counting chamber COVER GLASS PLANED 22 x 26 x 04 mm
1158 COUNTING CHAMBER, NEUBAUER, modified model, depth 0.1 mm

The Neubauer counting chamber is used to count white blood cells by observing through the microscope a calibrated grid of lines.

Material: glass
Modified model
Bright line with two haemocytometer glass cover slips (re-usable)
Double engraved bright line grid
Depth: 0.1 mm
Volume 0.9 mm³
To be used with: Counting chamber COVER GLASS PLANED 22 x 26 x 04 mm

1159 COVER FOR BOHLER BRAUN, 40 - 60 cm

Material: cotton
To be used with: SPLINT, BOHLER-BRAUN, 40 - 60 cm, size 1, foldable

1160 COVER FOR BOHLER BRAUN, 60 - 80 cm

Material: cotton
To be used with: SPLINT, BOHLER-BRAUN, 60 - 80 cm, size 2, foldable

1161 COVER SLIP, 22 x 22 mm

Thin glass slide to place on a slide in order to cover a preparation
Cover slip 22 x 22 mm is the standard routine size
Material: cover slips glass
Non-sterile, single use only (washing not recommended)

1162 COVER SLIP, 50 x 25 mm

Cover slips 50 x 25 mm is only used to make collection slides
Material: cover slips glass
Non-sterile, single use only (washing not recommended)

1163 CRUTCH, elbow, high 74/97 cm, pair

For either short term or long-term use
High-strength aluminium
Orthopedic handle for user comfort
Forearm cuffs: vinyl coated
Adjustments to the handgrip and the cuff height can be made independently
Handle to armband: 18-25 cm
Handle to ground adjustable from: 66-92 cm
Maximum user weight: 160 Kg
Ferrule Size: 22 mm
Weight: approx. 585 g
1164 CYLINDER, MEASURING, PLASTIC, 100 ml

Cylindrical recipient to measure volumes, used for preparation of reagents and stains as well as for dilutions
Material: PMP, clear
Graduated: subdivision 1 ml
Resistant to steam sterilization

1165 CYLINDER, MEASURING, PLASTIC, 250 ml

Cylindrical recipient to measure volumes, used for preparation of reagents and stains as well as for dilutions
Material: PMP, clear
Graduated: subdivision 2 ml
Resistant to steam sterilization
1166 CYLINDER, MEASURING, PLASTIC, 500 ml
Cylindrical recipient to measure volumes, used for preparation of reagents and stains as well as for dilutions
Material: PMP, clear
Graduated: subdivision 5 ml
Resistant to steam sterilization

1167 CYLINDER, MEASURING, PLASTIC, 1000 ml, design high
Cylindrical recipient to measure volumes, used for preparation of reagents and stains as well as for dilutions
Material: PMP, clear
Graduated: subdivision 10 ml
Resistant to steam sterilization

1168 DEFIBRILLATOR, with ECG monitor, synchronized
Semi-automatic external defibrillator with manual and keypad in English
Built to withstand harsh environments
Resistant to dust and water jets (IP55 Rating)
3-lead cable ECG monitoring with and high-quality display (3 wave forms simultaneously)
Built-in ECG printer
Power supply: rechargeable batteries
Internal or USB memory data storage
With pulse oxymeter (SpO2)
Shock frame with handle
To be supplied with: 1 set of detachable, reusable hard paddles
3 tubes of approx 100 g of electrode gel
2 three-lead ECG cable
10 rolls of ECG paper
100 ECG electrodes
2 finger clip sensor for pulse oxymeter, with cable, reusable
1 carrying case

1169 DERMATOME, electric, complete set
Precise cut thicknesses up to 0.76mm
0.05mm increments
Easily adjustable
Components:
- Handle
- Width plates: 30, 50, 80 1000 mm
- Power supply
To be supplied with: Screwdriver
10 screws for cutting plate
Sterilizing case

1170 DETERGENT, household, multipurpose
For general cleaning, liquid
Product must be fit for human utilisation and be of sound, fair and marketable quality
Cleaning capability: in ml per litre of water, manufacturer recommended dose
Anionic + non-ionic: 15% minimum on normal product, 35% on concentrated product
PH: max 10
Skin-irritating effect: none
Packing:
- 5 litre polyethylene bottle, hermetically sealed
- Bottle to have caps with tamper proof devices
- No leakage under the pressure of two stacked pallets
Marking: Includes warnings and dilution recommendation

**1171 DEVELOPER, powder, for 22.5 litres**

Concentrated developer in powder form for dilution to make 22.5 l of working solution
The quantity to be used for the development of the X-Ray films is about 1 liter/m²
22.5 liters can develop:
- ± 312 films of 24 x 30cm
- ± 188 films of 30 x 40cm
- ± 150 films of 36 x 43cm
Storage:
- once prepared, the developer solution should be used within the 2 coming months and kept between 15° C and 18° C
- protected from sunlight and air to avoid oxidation
Packaging:
- sealed plastic bag to protect from humidity
- product is corrosive for air transport, packing should be in accordance with IATA rules
Labeling:
- clear and explicit instructions should appear on the label
- marked with lot number and expiry date
**To be used with:** DEVELOPING UNIT, X-RAY, manual, w/ 4 basins, + accessories
DEVELOPING UNIT, X-RAY, automatic
BUCKET, 23 to 26 litres, with lid

**1172 DEVELOPING UNIT, X-RAY, automatic**

Medium duty table top machine of up to 20 films per hour
Adjustable film dryer temperature
Suitable for 14 x 17” (360 x 430 mm) film sheets
Digital display of developer bath temperature
Wired for 230 VAC, 50 Hz
European plug

**1173 DEVELOPING UNIT, X-RAY, manual, w/ 4 basins, + accessories**

Manual film processor for field hospital and for X-ray department with poor electricity supply or as emergency unit
Processing tanks set for film hangers up to 35 x 43 cm
2 tanks, 20 litres each with lead and drain cock
1 tank, 30 litres with inlet and overflow
1 drip tray with drain system (counted as 4th basin)
1 Plastic tube diameter 15mm, length 2m
Material: all tanks in PVC
**To be supplied with:** 1 connection set:
with 2 m flexible tube 16mm ID for inlet + 2 m
flexible tube 25 mm ID for overflow
4 tube clamps
Net weight: approx 20kg
Space required approx 50 x 56 x 65cm

1174 DEVICE FOR TRACTION, to be fixed on BED OR SPLINT

Traction device for attachment to BOHLER BRAUN splint or hospital bed
To be used with: SPLINT, BOHLER-BRAUN (both sizes) or HOSPITAL BED

1175 DIAPER CHANGING TABLE, dismantable construction

Material:
- Frame: stainless steel
- Trays: plastic
Size: approx. 85 x 50 x 100 cm
Foam cushion with Nylon cover (according to EN 71-3)
Easy to clean
Foam cushion: approx. 46 x 83 cm
Overall weight: approx. 12 kg
4 castors
1176 **DIAPER, Maxi, 18kg**
Disposable nappies for single use
For babies with a body weight from 18 kg onwards

1177 **DIAPER, Midi, 9kg**
Disposable nappies for single use
For babies with a body weight from 9 kg onwards

1178 **DIAPER, Mini, 6kg**
Disposable nappies for single use
For babies with a body weight from 6 kg onwards

1180 **DISINFECTANT, HAND, bottle 1 ltr, w/ dispenser**
100 g contains: 45,0 g 1-propanol; 28,0 g 2-Propanol; 0,3 g lactic acid, water, glycerol
Similar products for hand disinfection might be acceptable

1181 **DISPENSER, for cellulose swabs**
To provide single use and hygienic withdrawal, to avoid contamination of swabs
Material: plastic

1182 **DISPENSER, for sterilization tape**
Dispenser is made of rugged, high-impact, durable plastic and is capable of handling one roll of up to 2.5 cm wide indicator tape

1187 **DOPPLER, FETAL HEART DETECTOR, pocket, w/2Mhz probe, AA bat.**

Used throughout pregnancy and labour. For maternity or Health Centre
Like: HuntLeigh FETAL DOPPLEX I (FD1) or: Sonicaid One
Pocket obstetric Doppler:
LCD screen shows foetal heart rate in beats per minute along with a symbol that flashes with each detected foetal heart beat
Permanent 2 Mhz waterproof probe with recessed storage
Extended life battery with low-battery indicator
Two auto-shut off features that enable to get optimal battery life
Dimension approx L/W/D 140x74x27 mm
Battery: AA
**To be supplied with:** soft carry pouch
stereo headphones
gel
neck-cord
battery

1188 **DOSIMETER, pen**

An instrument that measures and indicates the amount of x-rays or radiation absorbed in a given period
To be suitable for monitoring accumulative doses of X-Ray radiation in hospital environment
With metal clip
Pen-type, pocket size
Direct readout
Hermetically sealed, immersion proof
**Other requirements:** meet military specifications for the RADIAC METER IM-264/PD and ANSI N 13.5 and N322 requirements
1189 **DRAIN, REDON, CH 10, 50 cm, perf. length 14 cm, sterile, disp.**

Material: Transparent PVC, flexible  
Terminal, atraumatic end  
Several lateral eyes  
Radio-opaque line  
Packaging: sterile unit packaging

1190 **DRAIN, REDON, CH 14, 50 cm, perf. length 14 cm, sterile, disp.**

Material: Transparent PVC, flexible  
Terminal, atraumatic end  
Several lateral eyes  
Radio-opaque line  
Packaging: sterile unit packaging

1191 **DRAIN, SUPRA PUBIC, CH10, puncture set, compl., ster, disp.**

For non-operative drainage (temporary or long term) of the urinary bladder when the passage of a urethral (Foley) catheter is not possible: enlarged prostate; fracture of the pelvis with rupture of the prostate urethra; injury to penis; obstetric perineal trauma, fistulae  
Complete set for inserting supra-pubic catheter  
Components:  
- 1 Catheter, pigtail end, with balloon  
- 1 Puncture needle/trocard  
- 1 scalpel  
- 1 urine bag 2 l  
- 1 clamp or plug  
- 1 adhesive tape  
- 1 wire guide  
- 1 Catheter stopper  
Material:  
- Catheter: 100% silicone  
- Puncture needle/trocard: stainless steel  
- Wire guide: stainless chrome nickel steel  
- Urine bag: Polyvinyl chloride (PVC)  
Catheter:  
- Semi flexible hollow cylindrical tube with central channel (for urine drainage) and a side
channel (to inflate the balloon) ending on a none-return valve device with Luer connection
- Length: 510-650mm with 6 lateral eyes and curled open tip (pigtail) to act as an anchor in the bladder
- Diameter: CH10 (3.3mm)
- Balloon: 3-5 ml (CH10)
Puncture needle:
- To perforate the abdominal wall, a far as the bladder enabling catheter insertion
- Pre-split sheath, sharp long lance-shaped tip
- Colour code on wings: white CH10
Urine bag:
- 2 liters volume with 100 ml graduated scale
- kink resistant tubing and emptying valve system and tubing clamp
Wire guide:
- Diam. 1.1 mm
- Length 1000mm
- Shape: spiral
Plug: to close supra-pubic catheter when needed
Adhesive tape: adapted to catheter size for quick and safe attachment on abdominal wall
Initial sterilization: Ethylene oxide (EO)
Packaging: sterile, peel-packs, disposable
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description
Other requirements: Conform to norm EN 1617 and EN 1618

1192 DRAIN, THORACIC, CH 16, straight, 50 cm, sterile, disposable

Material: transparent medical Polyvinyl chloride (PVC)
Kink-resistant smooth
Length: 50 cm
Radio-opac broken line (Sentinel line): broken at the first proximal eye (Sentinel eye)
Numerical graduations: every 2 cm
Eyes: 4 lateral, atraumatic (holes)
Distal end/tip: atraumatic, round end, open
Proximal end/tip: bevelled for atraumatic tissue crossing
Diameter: 5.3 mm
Packaging: 1 catheter, sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description
Other requirements: Manufacturer has to be ISO certificated: ISO: 9001/EN46001 or ISO 9002/EN 46002, class IIa
1193 DRAIN, THORACIC, CH 28, straight, 50 cm, sterile, disposable

Material: transparent medical Polyvinyl chloride (PVC)
Kink-resistant smooth
Length: 50 cm
Radio-opac broken line (Sentinel line): broken at the first proximal eye (Sentinel eye)
Numerical graduations: every 2 cm
Eyes: 6 lateral, atraumatic (holes)
Distal end/tip: atraumatic, round end, open
Proximal end/tip: bevelled for atraumatic tissue crossing
Diameter: 8.0 mm
Packaging: 1 catheter, sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use". CE + number; product description
Other requirements: Manufacturer has to be ISO certificated: ISO: 9001/EN46001 or ISO 9002/EN 46002, class IIa

1194 DRAIN, THORACIC, CH 32, straight, 50 cm, sterile, disposable

Material: transparent medical Polyvinyl chloride (PVC)
Kink-resistant smooth
Length: 50 cm
Radio-opac broken line (Sentinel line): broken at the first proximal eye (Sentinel eye)
Numerical graduations: every 2 cm
Eyes: 6 lateral, atraumatic (holes)
Distal end/tip: atraumatic, round end, open
Proximal end/tip: bevelled for atraumatic tissue crossing
Diameter: 10.6 mm
Packaging: 1 catheter, sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use". CE + number; product description
Other requirements: Manufacturer has to be ISO certificated: ISO: 9001/EN46001 or ISO 9002/EN 46002, class IIa

1195 DRAINAGE, THORACIC, BOTTLE, 2 ltr, 2 chamber, with tubing

Underwater seal chest drainage bottle, sterile, disposable
To be used after chest surgery, chest trauma i.e. pneumo- and haemotothorax, empyema
Components:
- Bottle with integral handle, removable protective cap
- Adjustable straw
- Bed hangers
- Disposable stand
- Tubing Sets

Material:
- Bottle: PVC
- Tubing: Translucent silk-finish PVC

Bottle with 2 chambers and 2000 ml overall capacity
Small chamber:
- 500 ml with clearly marked Prime Level (water seal = 200ml)
- Allows accurate measure for the first 500ml, which is important for children
- Adjustable graduated straw
- Screw cap with rubber gasket to secure water seal tightness

Large chamber:
- 1500 ml for complementary drainage
- Write-on strip alongside each chamber, with scale for continuous monitoring of drainage progress

Venting/Suction port:
- With removable protective cap, none occluding
- The port is situated on the top of the bottle for easy checking protection

1 bottle, sterile, disposable
Packaging: must be supplied with double packaging: one interior layer (non woven drape) plus sterilized peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use". CE + number; product description

Other requirements: When using a suction machine: maximum vacuum recommended is 5kPa
Chest drainage bottle can withstand a maximum vacuum of 13kPa (check with supplier's instructions to use)

1196 DRAINAGE, TUBING, abdominal, 15 mm x 600 mm, disposable
Flexible tube to drain off sera, blood, secretions etc from the abdominal area
The radiopaque line facilitate the catheter location when visualized by X-Ray
Lateral holes at the two ends of the tube ensure much drainage and irrigation
Good biocompatibility
Material: medical grade silicone rubber
Packaging: must be supplied in sterilized peel pack

1197 **DRAPE, COVER INSTRUMENT TABLE, cotton, approx 80 x 145 cm**

Bag-shaped instrument table cover for TABLE, INSTRUMENTS, 60 x 48 cm, Mayo type
Material: 100% cotton or 50% cotton and 50% polyester
Reusable woven fabrics
Designation: 100% cotton cretonne fabric
  - Number of threads/cm: warp: 24, weft: 24
  - Metric count: warp: 28, weft: 28
  - Weight per m2: 180 g
Polyester/ cotton:
Designation: Woven cotton 50% cotton / 50% polyester fabric, heat set
  - Number of threads/cm: warp: 24, weft: 22
  - Metric count: warp: 28, weft: 28
  - Weight per m2: 175g
Both woven fabric material are suitable for normal washing, withstand boiling & autoclaving and are resistant to chlorine 5%.
Colour: green
Hemmed borders
Non-sterile multiple use
Packaging: protected in a plastic bag, single or multiple unit
**Other requirements:** meets G1 DIN 61621
**To be used with:** TABLE, INSTRUMENTS, 60 x 48 cm, Mayo type

1198 **DRAPE, COVER INSTRUMENT TABLE, non-woven, sterile, disposable**

Material: non woven fabric (cellulose/polyester) and polyethylene
Bag-shaped instrument table cover for Mayo table in OT
Size: approx. 80 x 145 cm
Disposable
Without hole
Packaging and labeling: each drape in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units
**To be used with:** TABLE, INSTRUMENTS, 60 x 48 cm, Mayo type

1199 **DRAPE, SURGICAL, 50 x 60 cm, with hole, disposable, sterile**

For surgery; to maintain aseptic conditions in the operative field
Non woven fabric (cellulose/polyester) and polyethylene
Disposable
With hole
Two or three layer material:
  - The top layer of highly absorbent non-woven fabric
  - The intermediate or second layer is of impermeable material (example polyethylene) acts as a 100% germ barrier against bacterial migration and soaking
  - The bottom layer (3rd) of absorbent tissue absorbs the patient's sweat
Packaging and labeling: each drape in sterile peel pack, should mention exp date, lot
number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units

1200  **DRAPE, SURGICAL, 75 x 90 cm, disposable, sterile**

For surgery; to maintain aseptic conditions in the operative field  
Non woven fabric (cellulose/polyester) and polyethylene  
Disposable  
Without hole  
Two or three layer material:  
- The top layer of highly absorbent non-woven fabric  
- The intermediate or second layer is of impermeable material (example polyethylene) acts as a 100% germ barrier against bacterial migration and soaking  
- The bottom layer (3rd) of absorbent tissue absorbs the patient's sweat  
Packaging and labeling: each drape in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units

1201  **DRAPE, SURGICAL, 75 x 90 cm, with hole, disposable, sterile**

For surgery; to maintain aseptic conditions in the operative field  
Non woven fabric (cellulose/polyester) and polyethylene  
Disposable  
With hole  
Two or three layer material:  
- The top layer of highly absorbent non-woven fabric  
- The intermediate or second layer is of impermeable material (example polyethylene) acts as a 100% germ barrier against bacterial migration and soaking  
- The bottom layer (3rd) of absorbent tissue absorbs the patient's sweat
Packaging and labeling: each drape in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units.

**1202 DRAPE, SURGICAL, 150 x 180 cm, disposable, sterile**

For surgery; to maintain aseptic conditions in the operative field
Non woven fabric (cellulose/polyester) and polyethylene
Disposable
Without hole
Two or three layer material:
- The top layer of highly absorbent non-woven fabric
- The intermediate or second layer is of impermeable material (example polyethylene) acts as a 100% germ barrier against bacterial migration and soaking
- The bottom layer (3rd) of absorbent tissue absorbs the patient's sweat
Packaging and labeling: each drape in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units.

**1203 DRAPE, SURGICAL, cotton, 75 x 90 cm, with hole, green**

For surgery; to maintain aseptic conditions in the operative field
Material: 100% cotton or 50% cotton and 50% polyester
Reusable woven fabrics
Designation: 100% cotton cretonne fabric
- Number of threads/cm: warp: 24, weft: 24
- Metric count: warp: 28, weft: 28
- Weight per m2: 180 g
Polyester/ cotton:
Designation: Woven cotton 50% cotton / 50% polyester fabric, heat set
- Number of threads/cm: warp: 24, weft: 22
- Metric count: warp: 28, weft: 28
- Weight per m2: 175g
Both woven fabric material are suitable for normal washing, withstand boiling & autoclaving and are resistant to chlorine 5%
Hole with hemmed border diameter +/- 7 cm
Colour: green
4 hemmed borders
Non-sterile multiple use
Packaging: protected in a plastic bag, single or multiple unit

**1204 DRAPE, SURGICAL, cotton, 75 x 90 cm, without hole, green**

For surgery; to maintain aseptic conditions in the operative field
Material: 100% cotton or 50% cotton and 50% polyester
Reusable woven fabrics
Designation: 100% cotton cretonne fabric
- Number of threads/cm: warp: 24, weft: 24
- Metric count: warp: 28, weft: 28
- Weight per m2: 180 g
Polyester/ cotton:
Designation: Woven cotton 50% cotton / 50% polyester fabric, heat set
- Number of threads/cm: warp: 24, weft: 22
- Metric count: warp: 28, weft: 28
- Weight per m²: 175g

Both woven fabric material are suitable for normal washing, withstand boiling & autoclaving and are resistant to chlorine 5%.

Colour: green
4 hemmed borders
Non-sterile multiple use
Packaging: protected in a plastic bag, single or multiple unit

1205 DRAPE, SURGICAL, cotton, 120 x 160 cm, without hole, green

For surgery; to maintain aseptic conditions in the operative field
Material: 100% cotton or 50% cotton and 50% polyester
Reusable woven fabrics
Designation: 100% cotton cretonne fabric
- Number of threads/cm: warp: 24, weft: 24
- Metric count: warp: 28, weft: 28
- Weight per m²: 180 g
Polyester/ cotton:
Designation: Woven cotton 50% cotton / 50% polyester fabric, heat set
- Number of threads/cm: warp: 24, weft: 22
- Metric count: warp: 28, weft: 28
- Weight per m²: 175g

Both woven fabric material are suitable for normal washing, withstand boiling & autoclaving and are resistant to chlorine 5%
Colour: green
4 hemmed borders
Non-sterile multiple use
Packaging: protected in a plastic bag, single or multiple unit

1206 DRILL, electric, bone surgery

Cordless orthopaedic drill
Like 'MAKITA 6018D'
Complete kit including:
- Stainless steel chuck (6.35mm capacity) and extension (6 cm)
- 2 batteries
- Charger
- Autoclavable shroud
- Case
Speed control 0-600rpm via trigger
Low speed, high torque
Weight incl. battery: approx. 1100 g
To be supplied with: autoclavable cover, green surgical cotton material
To be used with: EXTERNAL FIXATOR, set for 2 femurs and 3 tibias incl. instruments
1207  **DROPPING BOTTLE, POLYETHYLENE, soft, 100ml, with dropper cap**

Used to store staining reagents and to perform staining procedures
With long tip and captive cap

1208  **DRUM, STERILIZING, 18 cm, diam. 17 cm, filter in top and bottom**

Material: stainless steel
Design according to Konrich
With hinged lid
Carrying handle on lid
Adequate seal of the lid
Reusable filter in top and bottom
**To be used with:** AUTOCLAVE, COMBINED, 90 l, elec./kero.
Four should fit in the chamber at one level
Size optimized for this sterilizer

1209  **DRUM, STERILIZING, 18 cm, diam. 34 cm, filter in top and bottom**

Material: stainless steel
Design according to Konrich
With hinged lid
Carrying handle on lid
Adequate seal of the lid
Reusable filter in top and bottom
**To be used with:** AUTOCLAVE, COMBINED, 90 l, elec./kero
3 should fit on top of each other in the chamber

1210  **DRUM, STERILIZING, 28 cm, diam. 34 cm, filter in top and bottom**

Material: stainless steel
Design according to Konrich
With hinged lid
Carrying handle on lid
Adequate seal of the lid
Reusable filter in top and bottom

To be used with: AUTOCLAVE, COMBINED, 90 l, elec./kero
Two should fit in the chamber
Size optimized for this sterilizer

1211 HEATER, electric, for changing table

Electric heating element for children's changing table
Automatic safety turn-off after 10 min
Power supply: 220-240 V~/ 50 Hz
Nominal power consumption: 600 Watt
IP Protection type: X2
Dimensions approx.: (L x W x H): 640 x 140 x 100 mm
Weight: approx.1,2 kg
Power cable length: 180 cm
Pull switch length: 40 cm
Swivel range: 15° upwards, 32° downwards

1212 ELECTROCARDIOGRAPH, 3 channel

Measurements, interpretation and memory are available in any combination to meet specific customer needs
One-touch operation for acquisition, analysis, storage and printing minimizes training
12 Lead
4 user-definable fields for patient data entry flexibility
Waveform display allows rapid assessment of ECG rhythm and signal quality
Portable, lightweight design with carry handle allows the device to be easily taken wherever it is needed
Full-size paper accommodates multiple standard report formats
Optional archivist paper available for longer-term ECG storage
Battery powered for added versatility
Optional CT (Clinical Trial) data guard feature is designed to help guarantee the integrity of the digital ECG record, support facilitation of 21 CFR Part 11 compliance, enhance security and protect electronic records
Other requirements: compliant with 93/42/ECC, EN 60601-1-2
To be supplied with: manual rubber suction electrodes for chest (V1 - V6) and clamps or rubber band for extremities
10 tubes of electrode gel
10 rolls of spare paper

1213 ELECTROSURGICAL UNIT, 300W
Electrosurgical unit for cutting and coagulating (monopolar and bipolar) during surgery (major and minor)
- Switch-mode power supply
- Automatic power shut-off in the event of malfunction
- No opening or cooling ribs, no fans, equipment must be efficient for minimal drop in output
- Clearly arranged controls and visible, easy-to-understand symbols
- Digital display for the settings
Cutting:
- Choice of settings from smooth cutting to heavy cutting
- Power up to approx 300 W
Coagulation:
- High power for contact coagulation
- Current with high crest factor for spray coagulation
- Power up to approx 120 W
- Separate generator for bipolar coagulation
Bi-coagulation generator usable simultaneously with the generator for cutting/coagulation
Variable output (continuous) for all seven current types
Sockets for proprietary and disposable coaxial cable
Reusable neutral electrode
Set of reusable and autoclavable instruments and tips for active electrode
All connections for active, neutral electrodes and footswitch on the front panel
Alarms:
- visual and acoustic signs for HF activation by different coloured indicators and different acoustic tones for cutting and coagulation
- acoustic warning feature in high frequency activation > 15sec
- availability of safety feature in case of malfunction
Power: 220-240 V @ 50Hz, 800VA max.

Additional requirements: IEC approved Class I, Type CF/Defibrillation protected

1216 ENTELLAN NEW

Rapid mounting media for microscopy used to prepare demonstration material and long lasting sample slides for teaching purposes
DGR UN 1866
Colorless liquid
Xylene solution, Toluene
DG (Dangerous Goods: Class 3):
- Xn: harmful to health
- R10 -21: flammable, harmful in contact with skin
- R31-38: irritating to eyes and skin and inhalation
- S25-36/37: avoid contact to eyes, wear suitable protective clothing and gloves
- S46: if swallowed, seek medical advice immediately and show the container or label
Storage:
- Store at room temperature +15°C - 25°C; keep away from sources of ignition and heat
Transport:
- Packing group III; store in tightly closed containers in a well ventilated place
- UN Number: UN1866
- UN Proper Shipping Name: Resin Solution
- Class and Subsidiary risk: 3
- Hazchem Code: 3Y
Packaging: 100ml glass or plastic bottle in protective wrapping, expiry date on the bottle

1217 ENVELOPE, for X-RAY FILM, 370 x 450 cm, kraft paper
1218 ERASER dual ink/pencil

1219 ERLENMEYER, GLASS, 500 ml, narrow neck

Used for preparation of reagents and stains
Graduated
Packaging: protective bubble foil

1220 EXTENSION CABLE, 10m, 3x2,5 mm², triple connector

Heavy duty extension cable
H07RNF 3G2,5
Length: 10m
Plug: solid rubber, CEE 7/4 (Type F, Schuko), IP44
Connector: triple connector solid rubber, CEE 7/4 (Type F, Schuko), IP44

1224 EXTERNAL FIXATOR, set for 2 femurs and 3 tibias incl. instruments

Like External Fixation Set by:
Rijcken Fixator Project Foundation, Breda, The Netherlands
To be used with: DRILL, electric, bone surgery

Set for 2 femurs contains:
- 1x T-Wrench/ Pin Driver, Hoffmann II, 7mm/ 5.6mm
- 1x quare Spanner Wrench, Hoffmann II, 7mm

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- 2x Removable Thumbwheel, Hoffmann II, 7/5mm
- 1x Drill Brace Assembly Apex
- 2x Predrilling Assembly Short Apex Ø 5mm
- 2x Predrilling Assembly Long Apex Ø6mm
- 1x Handle for Guide Block Apex
- 1x Guide Block for Predrilling Assembly Apex for Hoffmann II 5 Hole Clamp
- 1x Quick Release Chuck Apex for Ø 5mm Pins
- 1x Quick Release Chuck Apex for Ø 6mm Pins
- 2x 5 Hole Pin Clamp, Hoffmann II, 4-6mm
- 4x Rod to Rod Coupling, Hoffmann II MRI, 8/8mm
- 4x Pin to Rod Coupling, Hoffmann II MRI, 4-5/8mm
- 4x 30° Angeld Post, Hoffmann II MRI
- 2x Connecting Rod, Hoffmann II MRI, Ø 8mm x 300mm
- 2x Connecting Rod, Hoffmann II MRI, Ø 8mm x 350mm
- 4x Selfdrilling Half Pin Apex Ø 5mm, 150mm
- 4x Selfdrilling Half Pin Apex Ø 5mm, 180mm
- 4x Selfdrilling Half Pin Apex Ø 6mm, 180mm
- 4x Selfdrilling Half Pin Apex Ø 6mm, 200mm
- Disposable end cups

Set for 3 tibias contains:
- 1x T-Wrench/ Pin Driver, Hoffmann II, 7mm/ 5.6mm
- 1x Square Spanner Wrench, Hoffmann II, 7mm
- 2x Removable Thumbwheel, Hoffmann II, 7/5mm
- 1x Drill Brace Assembly Apex
- 2x Predrilling Assembly Short Apex Ø 5mm
- 2x Predrilling Assembly Long Apex Ø6mm
- 1x Handle for Guide Block Apex
- 1x Guide Block for Predrilling Assembly Apex for Hoffmann II 5 Hole Clamp
- 1x Quick Release Chuck Apex for Ø 5mm Pins
- 1x Quick Release Chuck Apex for Ø 6mm Pins
- 2x 5 Hole Pin Clamp, Hoffmann II, 4-6mm
- 4x Rod to Rod Coupling, Hoffmann II MRI, 8/8mm
- 4x Pin to Rod Coupling, Hoffmann II MRI, 4-5/8mm
- 4x 30° Angeld Post, Hoffmann II MRI
- 2x Connecting Rod, Hoffmann II MRI, Ø 8mm x 300mm
- 2x Connecting Rod, Hoffmann II MRI, Ø 8mm x 350mm
- 4x Selfdrilling Half Pin Apex Ø 5mm, 150mm
- 4x Selfdrilling Half Pin Apex Ø 5mm, 180mm
- 4x Selfdrilling Half Pin Apex Ø 6mm, 180mm
- Disposable end cups
1225  **EYE SHIELD**

For single eye  
Clear, vented Polycarbonate  
No foam  
With elastic adjustable head band

1226  **FACE MASK, PROTECTION, FFP3 with exhaler, disposable**
Respiratory protection against fine dusts, oil mists, water-based mists, metal fumes, bacteria and virus infection
Lightweight and soft hypo allergenic faceplate
Cool-flow valve (exhaler) reduces heat build-up to offer comfortable protection, particularly in hot and humid conditions
Even-tensioned straps relieve pressure for a comfortable and secure fit

1227 **FIELD BED, foldable, aluminium frame**

Material:
- Frame: aluminum pipe
- Fabric: polyester with PVC coating or polyamide
Open size: approx. L 200 x W 80 x H 45 cm
Packing size: approx. L 95 x W 20 x H 12 cm
Foldable in width and length
Weight: 7.0 kg
Minimum carrying capacity: 120 kg

1228 **FILTER KATADYN, for indoor, drip type, incl. 3 filter elements**

Gravity filter to eliminate bacteria, protozoa, cysts, algae, spores, sediments and viruses in combination with particles greater than 0.2 microns
Like Katadyn TRK Drip Gravidyn
Reduces radioactive particles
Reduction of chemicals by activated carbon
For 1-6 people and long-term use
Cleanable ceramic filter element with activated carbon granules
No movable parts
Measuring gauge indicates when the filter element should be changed
Technology: ceramic depth filtration
Output: Approx. 4 l/hour
Capacity: up to 150'000 litres quality water / 6 months
Weight: approx. 3.3 kg
Size: approx. 25 x 45 cm
Materials: silicone, ceramic, activated carbon

**To be used with:** (filter Katadyn, indoor, drip type) CERAMIC BONDED ELEMENT

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**1229 FILTER, HME + anti-bact.-vir. 99.9%, conn. 22/15mm, disp.**

Components:
- Rigid Filter housing with two ports designed to accept 15 mm and 22 mm size tubing and connection
- Filter
- Sampling port to measure gas/agents concentration positioned on the anaesthetic breathing system side

Hydrophobic filters: folded ceramic elements
Filter with small pore size membrane providing adequate filtration over longer period of time
The filter relies on natural occurring electrostatic interactions to remove particles
The filter repel water even under high pressures (up to 60cmH2O)
Bacterial (BFE) and viral (VFE) filtration efficiency of 99.99 %

Moisture and Temperature output (EN 9360):
- after 2 hours: after 24 hours
  - Vt 250ml: 31.4 mg H2O/l@ 31°  31.3 mg H2O/l@ 31.0°
  - Vt 500ml: 30.6 mg H2O/l@ 30.9°  30.7 mg H2O/l@ 31.2°
  - Vt 750ml: 30.1 mg H2O/l@ 30.6°  30.2 mg H2O/l@ 31.4°
  - Vt 1000ml: 29.3 mg H2O/l@ 30.29°  29.2 mg H2O/l@ 30.1°

Resistance to Flow (EN 9360) after 24 hours:
- 30 l/min: 0.8 cm H2O
- 60 l/min: 1.9 cm H2O
- 90 l/min: 3.4 cm H2O

Dead space (compressible volume): 45 ml
Recommended Tidal Volume Range for Adult >150 ml
Gas Leakage @ 70 hPa (cm H2O) <1 ml.min.1
Dry Weight 29g-30 g
Initial sterilisation: Ethylene oxide (EO)
Packaging: Individual sterilized peel-packs made of paper and/or plastic
Each peel-pack to be clearly marked with expiry date and batch number
Other requirements: Should conform EN 9360-1

1230 FILTER, PAPER, ROUND, 150 mm, single-ply
Filter paper is used for a superficial filtration of stains
Material: cellulose
Weight: 87g/m²
Retention: 11 µm
Thickness: 0.18mm
Load of ashes: 0.06%
Colour: white

1231 FIXER, powder, for 22.5 litres
Concentrated fixer in powder form for dilution to make 22.5 l of working solution
Storage:
- once prepared, the fixer solution should be used within the 2 coming months and kept between 15° C and 18° C
- protected from sunlight and air to avoid oxidation
Packaging:
- sealed plastic bag to protect from humidity
- product is corrosive for air transport, packing should be in accordance with IATA rules
Labeling:
- clear and explicit instructions should appear on the label
- marked with lot number and expiry date
To be used with: DEVELOPING UNIT, X-RAY, manual, w/ 4 basins, + accessories
DEVELOPING UNIT, X-RAY, automatic
BUCKET, 23 to 26 litres, with lid

1232 FOIL to close tubes
Self-sealing wrapping film for laboratory use, ideal for protecting and sealing cultures, tubes, beakers etc
Like ‘Parafilm® M’
Foil should be flexible, moisture resistant
Can be stretched up to 200% its original length before breaking
Has unique permeability properties, impressive water vapor transport properties and is resistant to many common reagents
Unit: roll, approx 75 m length, 5 cm width, 127 micrometer thickness

1233 FOLDER, plastic, DIN A 3, patient record support
Storage folder for patient documentation to be kept at the bedside
Material: polypropylene
Thickness: min 200 µ

1236 FORCEPS, CATH. INTRODUCING, MAGILL, 16cm, child extra small

1237 FORCEPS, CATH. INTRODUCING, MAGILL, 19cm, child small

1238 FORCEPS, CATH. INTRODUCING, MAGILL, 24cm, adult

1239 FORCEPS, MICROSCOPE SLIDE
Used to handle slides during staining procedures
Material: stainless steel
Length: 105 mm

1240 FORCEPS, OBSTETRICAL, WRIGLEY, 28 cm

1241 FRAME FOR WASTE BAG
Material: metal
With lid
To be used with: BAG, PE plastic, for garbage, 60 L, black, 0.02mm

1242 FUNNEL, PLASTIC, diam 150 mm
Used to decant reagents with filter paper
Material: plastic, chemical and temperature resistant (up to 100°C)
Diameter 150 mm

1243 FUNNEL, GLASS, diam. 100 mm
Used to filter staining solutions
Packaging: protective bubble foil
1244  FUNNEL, PLASTIC, diam 100 mm

Used to decant reagents with filter paper
Material: plastic, chemical and temperature resistant (up to 100°C)
Diameter: 100 mm

1245  GAUZE, 100x0.9m, 20 threads, for compresses, roll

Material: 100 % hydrophilic cotton medical grade, bleached, purified textile, plain weave
Type of gauze: 20 threads/cm² or 52 threads by square inch
Thread count in cm² / square inch
- Warp: 11 thread /cm²; 28 thread/square inch
- Weft: 9 thread /cm²; 24 thread/square inch
Weight: minimum 27g/m²
With selvedge to avoid the gauze to fray
Non-detectable by X-ray
None sterile
Packaging: individually presented in suitable protective
The following information must appear on the label of each roll:
- Length and width
- material
- type of gauze
- non-sterile
Other requirements: meets Pharmacopoeia specifications: BP, USP; EUR II 95
Conform to ISO 9002
Medical device dir 93/42/CE class 1 EN 868 (1 to7) and EN-10993-10 for Biologic evaluation

1246  GLASSES, PROTECTIVE, plastic
Security glasses, used to protect the eyes during medical and surgical procedure or in a laboratory
Material: Polycarbonate
Standard model
Anti-mist lateral ventilation
Panoramic lenses with nasal ridge
Clear lens
UV filter
Reusable (cleaning with water and detergent)
Packaging: unit packaging

1247  GLOVE, EXAMINATION, LATEX, none sterile, large (8-9)

Ambidextrous powdered glove composed of 5 fingers, a palm and a sleeve
Material: natural latex
Powder: resorbable maize starch
Fits either hand
Total length: 240mm minimum
Width: Large: 110 ± 10mm
Strength:
- Force at break before accelerated ageing: 7.5 N
- After accelerated ageing: 5.5 N
Low residual protein level (see also EN 455-3)
250 µg/g for powdered gloves
Lengthening at break: minimum 600%
Cuff length: minimum 5cm
Strictly for single use, do not sterilize
After use, ensure effective destruction of them by incineration, in a protected area
Storage: in a dry place, away from direct heat source
Packaging: cardboard distribution box of 100 gloves
Labeling on the box: size, date of manufacture and expiry date
Other requirements: meets the European norms EN 455 (1-2) and if possible EN 455-3
Following the European Norm EN 455-3:
- Gloves that are directly derived from latex need to wear the following mention: “(product)
containing natural rubber latex likely to provoke allergic reactions”
- Powdered gloves need to wear a label specifying that they are powdered

1248  GLOVE, EXAMINATION, LATEX, none sterile, medium (7-8)

Ambidextrous powdered glove composed of 5 fingers, a palm and a sleeve
Material: natural latex
Powder: resorbable maize starch
Fits either hand
Total length: 240mm minimum
Width: medium: 95 ± 10mm
Strength:
- Force at break before accelerated ageing: 7.5 N
- After accelerated ageing: 5.5 N
Low residual protein level (see also EN 455-3)
250 µg/g for powdered gloves
Lengthening at break: minimum 600%
Cuff length: minimum 5cm
Strictly for single use, do not sterilize
After use, ensure effective destruction of them by incineration, in a protected area
Storage: in a dry place, away from direct heat source
Packaging: cardboard distribution box of 100 gloves
Labeling on the box: size, date of manufacture and expiry date
Other requirements: meets the European norms EN 455 (1-2) and if possible EN 455-3
Following the European Norm EN 455-3:
- Gloves that are directly derived from latex need to wear the following mention: “(product) containing natural rubber latex likely to provoke allergic reactions”
- Powdered gloves need to wear a label specifying that they are powdered

1249  GLOVE, EXAMINATION, LATEX, none sterile, small (6-7)

Ambidextrous powdered glove composed of 5 fingers, a palm and a sleeve
Material: natural latex
Powder: resorbable maize starch
Fits either hand
Total length: 240mm minimum
Width: small: 80 ± 10mm
Strength:
- Force at break before accelerated ageing: 7.5 N
- After accelerated ageing: 5.5 N
Low residual protein level (see also EN 455-3)
250 µg/g for powdered gloves
Lengthening at break: minimum 600%
Cuff length: minimum 5cm
Strictly for single use, do not sterilize
After use, ensure effective destruction of them by incineration, in a protected area
Storage: in a dry place, away from direct heat source
Packaging: cardboard distribution box of 100 gloves
Labeling on the box: size, date of manufacture and expiry date
Other requirements: meets the European norms EN 455 (1-2) and if possible EN 455-3
Following the European Norm EN 455-3:
- Gloves that are directly derived from latex need to wear the following mention: “(product) containing natural rubber latex likely to provoke allergic reactions”
- Powdered gloves need to wear a label specifying that they are powdered

1250  GLOVE, heat protection, isothermal, pair, size 10

To be used for unloading sterilizer

1251  GLOVE, HOUSEHOLD, latex, cotton lining, size L

Pair of gloves used for handling and cleaning soiled objects or surfaces
Material: natural latex outside, cotton inside
Anatomical gloves, partially covering the forearm
Watertight, airtight
Reusable
Thickness: 0.6 mm minimum
Total length: approx. 32 cm
Hand and fingers with non-slip internal side
Size L (8-8.5) palm width: approx. 110 mm
Packaging: unit packaging (per pair)

1252 GLOVE, HOUSEHOLD, latex, cotton lining, size M

Pair of gloves used for handling and cleaning soiled objects or surfaces
Material: natural latex outside, cotton inside
Anatomical gloves, partially covering the forearm
Watertight, airtight
Reusable
Thickness: 0.6 mm minimum
Total length: approx. 32 cm
Hand and fingers with non-slip internal side
Size M (7-7.5) palm width: approx. 95 mm
Packaging: unit packaging (per pair)

1253 GLOVE, HOUSEHOLD, latex, cotton lining, size S

Pair of gloves used for handling and cleaning soiled objects or surfaces
Pair of gloves used for handling and cleaning soiled objects or surfaces
Material: natural latex outside, cotton inside
Anatomical gloves, partially covering the forearm
Watertight, airtight
Reusable
Thickness: 0.6 mm minimum
Total length: approx. 32 cm
Hand and fingers with non-slip internal side
Size S (6-6.5) palm width: approx. 80 mm
Packaging: unit packaging (per pair)

1254 GLOVE, OBSTETRICAL, size 7, elbow length, sterile, pair

Sterile, disposable, anatomically shaped medical gloves with the thumb positioned towards the palmer surface of the index finger rather than laying flat and intended for use in obstetrics/gynaecology for medical procedure, 1 right-handed, 1 left-handed
Material: Latex
Powder: maize starch
Physical property:
- Waterproof
- Stretch proof
Minimum force at break for surgical gloves:
- before accelerated ageing 10.5N
- after accelerated ageing 7.5N
Straight sleeved with reinforced hem (rolled or ending in a reinforced band)
Moulded fabrication
Suppleness: closely fits the morphology of the hand and minimally impairs the wearer’s
sense of touch
Shape of the glove faithfully accommodates the anatomy of the hand, the thumb offset from
the palm and set forward of the index finger
Slightly powdered: the interior surfaces of the gloves must be finely coated with powder for
easy wearing
Low residual protein level (EN 455-3)
Recommended wall thickness:
- Finger area 0.38 mm
- Centre palm area: 0.24 - 0.30 mm / 25 mm
- From cuff end: 0.26 mm
Size 6.5:
- Minimum length 500 mm
- Width 83 +/- 5 mm
Sterilization: Ethylene Oxide or gamma
Packaging:
- One (1) pair of obstetrical gloves in an individual sterilised peel pack
- Gloves must be supplied with double packaging: one interior layer plus sterilised peel-pack
- Gloves must be packed in the interior layer: right and left hand with the sleeves reversed up
to the thumb
- Labeled with: size, right hand, left hand and position of the sleeves
- 50 units (pairs of surgical gloves in peel pack) in protective carton box
Labeling:
Peel pack and box should mention: name and/or trademark of the manufacturer, sterile, lot
number, expiry date by year and month, "for single use". CE + number, product description
Extra information required: number of units per secondary packaging
Other requirements: conforms to European Norm EN 455 (Parts 1, 2 and 3)

1255 GLOVE, OBSTETRICAL, size 8, elbow length, sterile, pair
Sterile, disposable, anatomically shaped medical gloves with the thumb positioned towards
the palmer surface of the index finger rather than laying flat and intended for use in
obstetrics/gynaecology for medical procedure, 1 right-handed, 1 left-handed
Material: Latex
Powder: maize starch
Physical property:
- Waterproof
- Stretch proof
Minimum force at break for surgical gloves:
- before accelerated ageing 10.5N
- after accelerated ageing 7.5N
Straight sleeved with reinforced hem (rolled or ending in a reinforced band)
Moulded fabrication
Suppleness: closely fits the morphology of the hand and minimally impairs the wearer's
sense of touch
Shape of the glove faithfully accommodates the anatomy of the hand, the thumb offset from the palm and set forward of the index finger
Slightly powdered: the interior surfaces of the gloves must be finely coated with powder for easy wearing
Low residual protein level (EN 455-3)
Recommended wall thickness:
- Finger area 0.38 mm
- Centre palm area: 0.24 - 0.30 mm / 25 mm
- From cuff end: 0.26 mm
Size 6.5:
- Minimum length 500 mm
- Width 83 +/- 5 mm
Sterilization: Ethylene Oxide or gamma
Packaging:
- One (1) pair of obstetrical gloves in an individual sterilised peel pack
- Gloves must be supplied with double packaging: one interior layer plus sterilised peel-pack
- Gloves must be packed in the interior layer: right and left hand with the sleeves reversed up to the thumb
- Labeled with: size, right hand, left hand and position of the sleeves
- 50 units (pairs of surgical gloves in peel pack) in protective carton box
Labeling:
Peel pack and box should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use". CE + number, product description
Extra information required: number of units per secondary packaging
Other requirements: conforms to European Norm EN 455 (Parts 1, 2 and 3)

1256 GLOVE, PE female
To be used for domestic purpose
Material: PE transparent
Without powder
Female universal size
Non sterile
Disposable

1257 GLOVE, PE Male
To be used for domestic purpose
Material: PE transparent
Without powder
Male universal size
Non sterile
Disposable

1258 GLOVE, SURGICAL, latex-free, size 6.5, sterile, pair
One pair of slightly powdered gloves: 1 right-handed, 1 left-handed
Material: latex-free
Powder: maize starch
Physical property:
- Waterproof
- Stretch proof
Minimum force at break for surgical gloves:
before accelerated ageing 10.5N
after accelerated ageing 7.5N

Straight sleeved with reinforced hem (rolled or ending in a reinforced band)
Moulded fabrication
Suppleness: closely fits the morphology of the hand and minimally impairs the wearer’s sense of touch
Shape of the glove faithfully accommodates the anatomy of the hand, the thumb offset from the palm and set forward of the index finger
Slightly powdered: the interior surfaces of the gloves must be finely coated with powder for easy wearing
Low residual protein level (EN 455-3)

Recommended wall thickness:
- Finger area 0.38 mm
- Centre palm area: 0.24 - 0.30 mm / 25 mm
- From cuff end: 0.26 mm

Size: minimum dimensions recommended for surgical gloves size 6.5:
- Length: 270 mm
- Width: 83 ± 5 mm

The surgical glove cuff should have a sufficient length to cover adequately the surgeon/nurse wrist when wearing operating theatre gown
Initial sterilisation method: Ethylene oxide gas

Packaging:
- One (1) pair or surgical gloves in an individual sterilised peel pack
- Gloves must be supplied with double packaging: one interior layer plus sterilised peel-pack
- Gloves must be packed in the interior layer: right and left hand with the sleeves reversed up to the thumb
- Labeled with: size, right hand, left hand and position of the sleeves
- 50 units (pairs of surgical gloves in peel pack) in protective carton box

Labeling:
Peel pack and box should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, “for single use”. CE + number, product description
Extra information required: number of units per secondary packaging

Other requirements: conforms to European Norm EN 455 (Parts 1, 2 and 3)

1259 GLOVE, SURGICAL, latex-free, size 7, sterile, pair

One pair of slightly powdered gloves: 1 right-handed, 1 left-handed
Material: latex-free
Powder: maize starch
Physical property:
- Waterproof
- Stretch proof

Minimum force at break for surgical gloves:
- before accelerated ageing 10.5N
- after accelerated ageing 7.5N

Straight sleeved with reinforced hem (rolled or ending in a reinforced band)
Moulded fabrication
Suppleness: closely fits the morphology of the hand and minimally impairs the wearer’s sense of touch
Shape of the glove faithfully accommodates the anatomy of the hand, the thumb offset from the palm and set forward of the index finger
Slightly powdered: the interior surfaces of the gloves must be finely coated with powder for easy wearing
Low residual protein level (EN 455-3)

Recommended wall thickness:
- Finger area 0.38 mm
- Centre palm area: 0.24 - 0.30 mm / 25 mm
- From cuff end: 0.26 mm

Size: minimum dimensions recommended for surgical gloves size 7:
Length: 280 mm
Width: 89 ± 5 mm

The surgical glove cuff should have a sufficient length to cover adequately the surgeon/nurse wrist when wearing operating theatre gown

Initial sterilisation method: Ethylene oxide gas

Packaging:
- One (1) pair or surgical gloves in an individual sterilised peel pack
- Gloves must be supplied with double packaging: one interior layer plus sterilised peel-pack
- Gloves must be packed in the interior layer: right and left hand with the sleeves reversed up to the thumb
- Labeled with: size, right hand, left hand and position of the sleeves
- 50 units (pairs of surgical gloves in peel pack) in protective carton box

Labeling:
Peel pack and box should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use". CE + number, product description

Extra information required: number of units per secondary packaging

Other requirements: conforms to European Norm EN 455 (Parts 1, 2 and 3)

1260  GLOVE, SURGICAL, latex-free, size 7.5, sterile, pair

One pair of slightly powdered gloves: 1 right-handed, 1 left-handed

Material: latex-free

Powder: maize starch

Physical property:
- Waterproof
- Stretch proof

Minimum force at break for surgical gloves:
- before accelerated ageing 10.5N
- after accelerated ageing 7.5N

Straight sleeved with reinforced hem (rolled or ending in a reinforced band)

Moulded fabrication

Suppleness: closely fits the morphology of the hand and minimally impairs the wearer's sense of touch

Shape of the glove faithfully accommodates the anatomy of the hand, the thumb offset from the palm and set forward of the index finger

Slightly powdered: the interior surfaces of the gloves must be finely coated with powder for easy wearing

Low residual protein level (EN 455-3)

Recommended wall thickness:
- Finger area 0.38 mm
- Centre palm area: 0.24 - 0.30 mm / 25 mm
- From cuff end: 0.26 mm

Size: minimum dimensions recommended for surgical gloves size 7.5:
Length: 280 mm
Width: 85 ± 5 mm

The surgical glove cuff should have a sufficient length to cover adequately the surgeon/nurse wrist when wearing operating theatre gown

Initial sterilisation method: Ethylene oxide gas

Packaging:
- One (1) pair or surgical gloves in an individual sterilised peel pack
- Gloves must be supplied with double packaging: one interior layer plus sterilised peel-pack
- Gloves must be packed in the interior layer: right and left hand with the sleeves reversed up to the thumb
Labeled with: size, right hand, left hand and position of the sleeves
50 units (pairs of surgical gloves in peel pack) in protective carton box

Labeling:
Peel pack and box should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number, product description
Extra information required: number of units per secondary packaging

Other requirements: conforms to European Norm EN 455 (Parts 1, 2 and 3)

1261 GLOVE, SURGICAL, latex-free, size 8.5, sterile, pair

One pair of slightly powdered gloves: 1 right-handed, 1 left-handed
Material: latex-free
Powder: maize starch
Physical property:
- Waterproof
- Stretch proof
Minimum force at break for surgical gloves:
- before accelerated ageing 10.5N
- after accelerated ageing 7.5N
Straight sleeved with reinforced hem (rolled or ending in a reinforced band)
Moulded fabrication
Suppleness: closely fits the morphology of the hand and minimally impairs the wearer's sense of touch
Shape of the glove faithfully accommodates the anatomy of the hand, the thumb offset from the palm and set forward of the index finger
Slightly powdered: the interior surfaces of the gloves must be finely coated with powder for easy wearing
Low residual protein level (EN 455-3)
Recommended wall thickness:
- Finger area 0.38 mm
- Centre palm area: 0.24 - 0.30 mm / 25 mm
- From cuff end: 0.26 mm
Size: minimum dimensions recommended for surgical gloves size 8:
Length: 290 mm
Width: 102 ± 6 mm
The surgical glove cuff should have a sufficient length to cover adequately the surgeon/nurse wrist when wearing operating theatre gown
Initial sterilisation method: Ethylene oxide gas
Packaging:
- One (1) pair or surgical gloves in an individual sterilised peel pack
- Gloves must be supplied with double packaging: one interior layer plus sterilised peel-pack
- Gloves must be packed in the interior layer: right and left hand with the sleeves reversed up to the thumb
- Labeled with: size, right hand, left hand and position of the sleeves
- 50 units (pairs of surgical gloves in peel pack) in protective carton box
Labeling:
Peel pack and box should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number, product description
Extra information required: number of units per secondary packaging

Other requirements: conforms to European Norm EN 455 (Parts 1, 2 and 3)

1262 GLUCOMETER, battery operated

Used to determine and monitor blood glucose level
Like "ACCU CHEK Avivia", or One TOUCH
Material: plastic case
Operation in very humid conditions possible
Blood glucose test strip storage conditions also possible in high temperatures
Battery operated
Measurement unit: mg/dl or mmol/l
Measurement range: 10 - 600 mg/dl
Packaging: individually packed as complete set

To be supplied with:
Glucometer in etui
10 test strips and code strip
Automatic lancet
100 needle lancets
1 Battery

To be used with:  BLOOD SUGAR CONTROL SERUM, bottle
BLOOD SUGAR TEST STRIP (according to the company of the glucometer)

1263  GOOGLES, PROTECTIVE, plastic

Safety Goggles, close fit
Deep, curved PVC frame, close fit and versatility to wear over prescription glasses
Clear polycarbonate lenses for protection from impact, droplets and splashes, large dust particles and molten metal and hot solids
Indirect ventilation
Chemicals resistant
Weight: approx. 110 g
According to DIN EN 166

1264  GOWN, SURGICAL, reusable, cotton, size L

Preferably gown with raglan sleeves, non-deforming arm cuffs in jersey (12 cm) with braided thumb loop
Back closing with 2 or 3 braids + covering back panel with braided side fastening (orthopaedic type gown)
Colour: blue or green
Size L:
- Length 128 cm
- Chest measurement: 102-105 cm
- Hip measurement: 108-110 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit
1265 GOWN, SURGICAL, reusable, cotton, size M

Preferably gown with raglan sleeves, non-deforming arm cuffs in jersey (12 cm) with braided thumb loop
Back closing with 2 or 3 braids + covering back panel with braided side fastening
(orthopaedic type gown)
Colour: blue or green
Size M:
- Length 127 cm
- Chest measurement: 102-105 cm
- Hip measurement: 93-97 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit

1266 GOWN, SURGICAL, reusable, cotton, size XL

Preferably gown with raglan sleeves, non-deforming arm cuffs in jersey (12 cm) with braided thumb loop
Back closing with 2 or 3 braids + covering back panel with braided side fastening
(orthopaedic type gown)
Colour: blue or green
Size XL:
- Length 140 cm
- Chest measurement: 117-122 cm
- Hip measurement: 125-132 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit

1267 GOWN, SURGICAL, size M, disposable, sterile

Reinforced gowns include reinforcements, or double layers of fabric, in both the sleeve and chest areas, foreseen for medium OP and medium water flow
Material: none woven fabric from spun laced polyester-pulp, polypropylene, or viscose/SMS
Color: green or blue
Design type:
- With raglan sleeves
- Non-deforming jersey cuffs (12 cm)
- Back closing + covering back panel with braided side fastening
- Adjustable neckline (orthopaedic type)
Length 120 cm
Packaging and labeling: each gown in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units

1268 GOWN, SURGICAL, size XL, disposable, sterile

Reinforced gowns include reinforcements, or double layers of fabric, in both the sleeve and chest areas, foreseen for medium OP and medium water flow
Material: none woven fabric from spun laced polyester-pulp, polypropylene, or viscose/SMS
Color: green or blue
Design type:
- With raglan sleeves
- Non-deforming jersey cuffs (12 cm)
- Back closing + covering back panel with braided side fastening
- Adjustable neckline (orthopaedic type)
Length 150 cm
Packaging and labeling: each gown in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units

1269 HAEMOGLOBINOMETER like "HEMOCUE201+", with transformer

Used to determine haemoglobin
Material: plastic case
Transformer or battery operated
Easy to handle and maintain
To be used with: MICROCUVETTES and CLEANER SWABS (according to the company of the haemoglobinometer)
HAEMOGLOBINOMETER, SAHLI, set

Used to measure haemoglobin by comparison of the patient’s blood tube with the glass standard of the Sahli haemometer

Components:
- 1 Haemoglobinometer set, Sahli type, complete with two non fading plain precision standards in plastic housing
- 1 Sahli pipette
- 1 Round measuring tube, scaled 10-140% in 1% steps on one face and 2 to 22 g haemoglobin in 0.2 g steps on the opposite face
- 1 Glass stirring rod
- 1 15 ml glass bottle in plastic case with screw cap
- 1 Cleaning brush for tube

Complete in plastic case

Accuracy +/- 0.5 g%

To be used with: (haemoglobinometer, Sahli), PIPETTE, GLASS, SAHLI, 20µl
(haemoglobinometer, Sahli), ROD STIRRING, GLASS, SAHLI
(haemoglobinometer, Sahli), TUBE, GRADUATED, GLASS, SAHLI
1271 HAMMER, PERCUSSION, 20 cm

1272 HANGER, for X-ray films 24 x 30 cm
For tank development of X-ray film
Material: stainless steel
Stainless steel frame has attached clips to hold film taut
For film size 24 x 30 cm
To be used with: DEVELOPING UNIT, X-RAY, manual, w/ 4 basins, + accessories

1273 HANGER, for X-ray films 30 x 40 cm
For tank development of X-ray film
Material: stainless steel
Stainless steel frame has attached clips to hold film taut
For film size 30 x 40 cm
To be used with: DEVELOPING UNIT, X-RAY, manual, w/ 4 basins, + accessories

1274 HANGER, for X-ray films 35 x 43 cm
For tank development of X-ray film
Material: stainless steel
Stainless steel frame has attached clips to hold film taut
For film size 35 x 43 cm
To be used with: DEVELOPING UNIT, X-RAY, manual, w/ 4 basins, + accessories
1275 HEALTH CHART (WHO standard)

Designed according to WHO standard
DIN A 4 format
Material: paper for heavy duty use

1276 HEALTH CHART, children

Designed according to WHO standard
DIN A 4 format
Paper for heavy duty use

1277 HEEL, for PoP, for adult

For correct walking when leg is in Plaster of Paris
To protect against dirt and wetness
Material: synthetic rubber to absorb walking shocks
With mounting link strap for immediate or later application
Lower part with walking profile
Size: adults
e.g. from Lohmann and Rauscher

1278 HEEL, for PoP, for child

For correct walking when leg is in Plaster of Paris
To protect against dirt and wetness
Material: synthetic rubber to absorb walking shocks
With mounting link strap for immediate or later application
Lower part with walking profile
Size: child
e.g. from Lohmann and Rauscher

1280 HOLDER, for test tubes, wood, "Lipowitz type"

Holder used for handling test and centrifuge tubes
Mainly used to hold the tubes above spirit lamp or burner
Material: wood
Length: 250 mm
Opening of the holder for tubes up to 18 mm diam.
1281 HOOK, s-shape, stainless steel

Size: approx. 12 cm x 4 cm
No spike ends, but do not have to be rounded like in example

1282 HOSPITAL BED, with backrest, with wheels

Length patient area: approx 200 cm
Max. weight-loading: 200 kg
Knock-down construction
Lightweight and sturdy structure
Easy to assemble without tools
Flame retardant
Easy to disinfect

Provides:
- adjustable sturdy back support
- safety bed rails
- rack for patient info folder
- side table
- IV stand/traction support
- bed base layer with double function (can be used as a normal bed or as a cholera cot with opening in the middle section of the bed)

1284 HOURGLASS, for pulse

Hour glass for taking pulse rate inside metal, protective housing
Material:
- Hourglass: glass or plastic
- Outer housing: stainless steel or other strong, protective, non-corrosive material
Time: 15 sec
Can be easily cleaned

1285 HYGIENIC PADS, normal

Women sanitary pads
Length: 22-25 cm
Width: 6-7 cm
Pulp: 7.7 g
Silicone paper: 0.275 g
Tissue paper: 0.65 g
Non woven with adhesive tape
Total weight: 10.8 g +/- 5%
The supplier is to certify that the sanitary pad does not contain any dangerous substances
and is fit for human utilisation

1288 INDICATOR, STERILIZATION, chemical

Class 5 integrating indicator strip for steam
- 121 °C for 15 minutes
- 134°C for 4 min
Other requirements: meets ISO 11140

1290 INFUSION SET, min. 150cm, with air intake, inj. site, no needle

Components and material:
Spike/perforator: ABS (Arylelnitile Butadience Styrene) or POM (polyacetal)
Air inlet and drop counting chamber: PVC
Tubing: PVC based material
Flow regulator/roller clamp: polystyrene
Injection site: latex or silicone
Spike/perforator:
- Hollow device with a sharp tapering cannulae, situated at the proximal end of the IV set,
  ensuring safe seal between the IV line and fluid container (bottle or bag)
Air inlet:
- for gravity infusions
- Open air inlet for glass bottle / plastic rigid container closed air inlet for plastic bags /pouch
- Incorporated into the spike/perforator with bacteria proof filter and closable Eurocap system
Drop counting chamber:
- Transparent, supple, compressible bag with calibrated tube (upper end) providing even drops
  formation: 20 drops = ± 1 ml
- 15-20µ filter (lower end) designed to retain any particle
- Trap for air bubbles and measuring drip flow rate by adjusting the drops
Tube:
- Transparent, allowing bubbles detection, supple, resistant to kinking
- Minimum length: 150cm, giving the IV set an overall length of 170-180cm
Flow regulator/roller clamp:
- Situated between the drip counting chamber and the connector, allows narrowing the tube
  lumen, by compressing without damaging the tubing
- Good quality roller clamp enable precise fluid regulation and also permit to stop the drip when
  needed
Injection site:
- Self-sealing bung
- As close as possible to the IV line’s proximal end just before Luer connection
- Allows to inject emergency drugs into the flow without extra dilution
Disposable item, single use, sterile
Packaging and labeling: individual peel-packs made of paper and/or plastic, should mention
expiry date, lot number, type of sterilization, manufacturer name, ref number, CE + no,
directions of use
1291 INFUSION SET, PAEDIATRIC, with burette, and air intake

Sterile infusion set with graded chamber for a slow intravenous administration of a precise volume of infusion or injectable drug over a given time. This system limits risk for hypervolemia. It is to be connected between the infusion and the intravenous catheter for paediatric use.

Components and materials:
- Tube: PVC
- Plastic perforator: polyacetate
- Air inlet: Acrylonitrile Butadiene Styrene = ABS
- Graduated chamber, 150ml: polystyrene
- Security gauge: natural rubber
- Drop counter: metal
- Infusion filter: polyamide
- Flow regulator: Acrylonitrile Butadiene Styrene = ABS
- Injection portal, at 30cm from the stopper: Acrylonitrile Butadiene Styrene = ABS + synthetic rubber without latex
- Stopper, mobile lock: Methyl Acrylonitrile Butadiene Styrene = MABS

Sterility protector with membrane

Tubing:
- Transparent (allowing the detection of air bubbles), supple, resistant to kinking
- ± 150cm long (giving the set and overall length of 160-170cm)
- Internal diameter: 3mm
- External diameter: 4mm
- Ended by a Luer lock connector

Perforator/Piercing spike:
- Hollow device situated at the proximal end of the set allowing connection to the fluid bottle or flexible bag
- Composed of a tapering tube, mounted on a base ensuring a good seal between the set and the fluid container

Air inlet:
- bacteriological filter which holds back the micro organisms
- Incorporated into the perforator
- Made up of a tapering tube attached to a waterproof membrane

Graduated chamber:
- Connected to the perforator by a 15cm tube
- Transparent
- Graduations every ml, 150ml

The security gauge stops automatically the infusion as soon as the pre-set volume has flown away in order to prevent air entering the drop-counting chamber and/or the tube

Drop-counting chamber:
- Placed under the chamber
- Drop-counter, calibrated 60 drops/ml
- 15 microns infusion filter
The injection portal allows introducing, via a needle, an injectable drug into infusion flow in the precise volume (e.g. quinine, antibiotics, Mg2Cl, KCl) needing slow IV administration
Sterile, disposable
Store at temperature below 30º, protected from humidity
Packaging and labeling: in sterile peel-pack, should mention exp date, lot number, items description, type of sterilization method, manufacturer name, ref number, CE + no, directions of use

1292 POLYVIDONE IODINE, 10%, solution, 1L, btl.
Antiseptic and disinfecting
In the WHO ‘Essential Medicines’ list 2011
To be used undiluted (10%) or diluted (2.5% or 0.5%, i.e. 1+3 or 1 +19 parts water)

1293 SAFETY IV CANNULA, G 14, 2.0 x 50 mm, teflon, with inj. site, orange
Components:
- Catheter hub:
- Fixation wing
- Injection port with closing cone
- Luer lock fitting
- Introducing guide
- Internal needle/ trocard
- Safety needle guard
- Safety shield
- Protective cap
- Handgrip
- Stopper
Hub:
- cannula part which will remain inserted, Fluoroethypropylene (FEP)/ Teflon
Catheter (distal part):
- transparent, straight
- with 2-4 fully embed x-ray contrast lines, tapering end (the x-ray line allows better control over catheter and internal needle when doing a vein puncture in poor light environment)
Injection port:
- With bacterial filter and a removable closing cap/cone with fixed strap
- The cap should be without protuberance
Fixation wing:
- Slopped supporting surface to compensate for puncture gradient
Luer connection (proximal part):
- For attachment of infusion line or, syringe with Luer lock fitting
Introducing guide:
- Will be withdrawn after successful vein puncture
Internal needle/ trocard:
- Stainless steel
- With beveled edge to have good skin penetration and to reduce vein trauma
The internal needle is connected to a transparent flashback chamber with handgrip and stopper. These transparent base allows to watch blood reflux when vein is punctured.

Safety shield:
- Robust safety shield covers entire needle.
- Can be activated with the thumb, finger or any flat surface.
- Needle based engineering control.
- Maximizes protection from sharps injury.

Colour-coded hub and cannula, by size:

Recommended brand: Braun, Becton Dickinson.

Sterile, disposable.

Packaging: individual sterilized peel-packs made of paper and/or plastic in protective carton packaging (25-50 units/box).

Labeling: exp date, lot number, items description multilingual, type of sterilization, manufacturer name, ref number, CE + no, directions of use.

Other requirements: Quality must comply with Medical Device Directive 93/42/EEC or equivalent.

Meets the following standards:
- EN-ISO 20594-1: Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment (Part 1: General requirements (ISO 594-1:1986)).

1294 SAFETY IV CANNULA, G 16, 1.7 x 50 mm, teflon, with inj. site, grey

Components:
- Catheter hub:
- Fixation wing
- Injection port with closing cone
- Luer lock fitting
- Introducing guide
- Internal needle/ trocard
- Safety needle guard
- Safety shield
- Protective cap
- Handgrip
- Stopper

Hub:
- cannula part which will remain inserted, Fluoroethypropylene (FEP)/ Teflon

Catheter (distal part):
- transparent, straight
- with 2-4 fully embed x-ray contrast lines, tapering end (the x-ray line allows better control over catheter and internal needle when doing a vein puncture in poor light environment)

Injection port:
- With bacterial filter and a removable closing cap/cone with fixed strap
- The cap should be without protuberance

Fixation wing:
- Slopped supporting surface to compensate for puncture gradient

Luer connection (proximal part):
- For attachment of infusion line or, syringe with Luer lock fitting

Introducing guide:
- Will be withdrawn after successful vein puncture

Internal needle/ trocard:
- Stainless steel
- With beveled edge to have good skin penetration and to reduce vein trauma.
The internal needle is connected to a transparent flashback chamber with handgrip and stopper. These transparent base allows to watch blood reflux when vein is punctured.

Safety shield:
- Robust safety shield covers entire needle
- Can be activated with the thumb, finger or any flat surface
- Needle based engineering control
- Maximizes protection from sharps injury

Colour-coded hub and cannula, by size

Recommended brand: Braun, Becton Dickinson

Sterile, disposable

Packaging: individual sterilized peel-packs made of paper and/or plastic in protective carton packaging (25-50 units/box)

Labeling: exp date, lot number, items description multilingual, type of sterilization, manufacturer name, ref number, CE + no, directions of use

Other requirements: Quality must comply with Medical Device Directive 93/42/EEC or equivalent

Meets the following standards:
- EN-ISO 10555-1: Sterile, single-use intravascular catheters - Part 1: General requirements
- EN-ISO 20594-1: Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment (Part 1: General requirements (ISO 594-1:1986))

1295  SAFETY IV CANNULA, G 18, 1.3 x 45 mm, teflon, with inj. site, green

Components:
- Catheter hub:
- Fixation wing
- Injection port with closing cone
- Luer lock fitting
- Introducing guide
- Internal needle/ trocard
- Safety needle guard
- Safety shield
- Protective cap
- Handgrip
- Stopper

Hub:
- cannula part which will remain inserted, Fluoroethypropylene (FEP)/ Teflon

Catheter (distal part):
- transparent, straight
- with 2-4 fully embed x-ray contrast lines, tapering end (the x-ray line allows better control over catheter and internal needle when doing a vein puncture in poor light environment)

Injection port:
- With bacterial filter and a removable closing cap/cone with fixed strap
- The cap should be without protuberance

Fixation wing:
- Slopped supporting surface to compensate for puncture gradient

Luer connection (proximal part):
- For attachment of infusion line or, syringe with Luer lock fitting

Introducing guide:
- Will be withdrawn after successful vein puncture

Internal needle/ trocard:
- Stainless steel
- With bevelled edge to have good skin penetration and to reduce vein trauma
The internal needle is connected to a transparent flashback chamber with handgrip and stopper. These transparent base allows to watch blood reflux when vein is punctured.

Safety shield:
- Robust safety shield covers entire needle
- Can be activated with the thumb, finger or any flat surface
- Needle based engineering control
- Maximizes protection from sharps injury

Colour-coded hub and cannula, by size

Recommended brand: Braun, Becton Dickinson
Sterile, disposable

Packaging: individual sterilized peel-packs made of paper and/or plastic in protective carton packaging (25-50 units/box)

Labeling: exp date, lot number, items description multilingual, type of sterilization, manufacturer name, ref number, CE + no, directions of use

Other requirements: Quality must comply with Medical Device Directive 93/42/EEC or equivalent
- Meets the following standards:
  - EN-ISO 10555-1: Sterile, single-use intravascular catheters - Part 1: General requirements
  - EN-ISO 20594-1: Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment (Part 1: General requirements (ISO 594-1:1986))

1296 SAFETY IV CANNULA, G 20, 1.1 x 33 mm, teflon, with inj. site, pink

Components:
- Catheter hub:
  - Fixation wing
  - Injection port with closing cone
  - Luer lock fitting
  - Introducing guide
  - Internal needle/ trocard
  - Safety needle guard
  - Safety shield
  - Protective cap
  - Handgrip
  - Stopper

Hub:
- cannula part which will remain inserted, Fluoroethypropylene (FEP)/ Teflon

Catheter (distal part):
- transparent, straight
- with 2-4 fully embed x-ray contrast lines, tapering end (the x-ray line allows better control over catheter and internal needle when doing a vein puncture in poor light environment)

Injection port:
- With bacterial filter and a removable closing cap/cone with fixed strap
- The cap should be without protuberance

Fixation wing:
- Slopped supporting surface to compensate for puncture gradient

Luer connection (proximal part):
- For attachment of infusion line or, syringe with Luer lock fitting

Introducing guide:
- Will be withdrawn after successful vein puncture

Internal needle/ trocard:
- Stainless steel
- With beveled edge to have good skin penetration and to reduce vein trauma
The internal needle is connected to a transparent flashback chamber with handgrip and stopper. These transparent bases allow to watch blood reflux when the vein is punctured.

Safety shield:
- Robust safety shield covers the entire needle
- Can be activated with the thumb, finger or any flat surface
- Needle-based engineering control
- Maximizes protection from sharps injury

Colour-coded hub and cannula, by size

Recommended brand: Braun, Becton Dickinson

Sterile, disposable packaging: individual sterilized peel-packs made of paper and/or plastic in protective carton packaging (25-50 units/box)

Labeling: exp date, lot number, items description multilingual, type of sterilization, manufacturer name, ref number, CE + no, directions of use

Other requirements: Quality must comply with Medical Device Directive 93/42/EEC or equivalent
- Meets the following standards:
  - EN-ISO 10555-1: Sterile, single-use intravascular catheters - Part 1: General requirements
  - EN-ISO 20594-1: Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment (Part 1: General requirements (ISO 594-1:1986))

1297 SAEFTY IV CANNULA, G 22, 0.9 x 25 mm, teflon, with inj. site, blue

Components:
- Catheter hub:
- Fixation wing
- Injection port with closing cone
- Luer lock fitting
- Introducing guide
- Internal needle/ trocard
- Safety needle guard
- Safety shield
- Protective cap
- Handgrip
- Stopper

Hub:
- Cannula part which will remain inserted, Fluoroethypropylene (FEP)/ Teflon

Catheter (distal part):
- Transparent, straight
- With 2-4 fully embed x-ray contrast lines, tapering end (the x-ray line allows better control over catheter and internal needle when doing a vein puncture in a poor light environment)

Injection port:
- With bacterial filter and a removable closing cap/cone with fixed strap
- The cap should be without protuberance

Fixation wing:
- Slopped supporting surface to compensate for puncture gradient

Luer connection (proximal part):
- For attachment of infusion line or, syringe with Luer lock fitting

Introducing guide:
- Will be withdrawn after successful vein puncture

Internal needle/ trocard:
- Stainless steel
- With beveled edge to have good skin penetration and to reduce vein trauma
The internal needle is connected to a transparent flashback chamber with handgrip and stopper. These transparent base allows to watch blood reflux when vein is punctured.

Safety shield:
- Robust safety shield covers entire needle
- Can be activated with the thumb, finger or any flat surface
- Needle based engineering control
- Maximizes protection from sharps injury

Colour-coded hub and cannula, by size
Recommended brand: Braun, Becton Dickinson
Sterile, disposable

Packaging: individual sterilized peel-packs made of paper and/or plastic in protective carton packaging (25-50 units/box)
Labeling: exp date, lot number, items description multilingual, type of sterilization, manufacturer name, ref number, CE + no, directions of use

Other requirements: Quality must comply with Medical Device Directive 93/42/EEC or equivalent

Meets the following standards:
EN-ISO 10555-1: Sterile, single-use intravascular catheters - Part 1: General requirements
EN-ISO 20594-1: Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment (Part 1: General requirements (ISO 594-1:1986))

1298 SAFETY IV CANNULA, G 24, 0.7 x 19 mm, teflon, with inj. site, yellow

Components:
- Catheter hub:
- Fixation wing
- Injection port with closing cone
- Luer lock fitting
- Introducing guide
- Internal needle/ trocard
- Safety needle guard
- Safety shield/mechanism
- Protective cap
- Handgrip
- Stopper

Hub:
- cannula part which will remain inserted, Fluoroethypropylene (FEP)/ Teflon

Catheter (distal part):
- transparent, straight
- with 2-4 fully embed x-ray contrast lines, tapering end (the x-ray line allows better control over catheter and internal needle when doing a vein puncture in poor light environment)

Injection port:
- With bacterial filter and a removable closing cap/cone with fixed strap
- The cap should be without protuberance

Fixation wing:
- Slopped supporting surface to compensate for puncture gradient

Luer connection (proximal part):
- For attachment of infusion line or, syringe with Luer lock fitting

Introducing guide:
- Will be withdrawn after successful vein puncture

Internal needle/ trocard:
- Stainless steel
- With beveled edge to have good skin penetration and to reduce vein trauma
- The internal needle is connected to a transparent flashback chamber with handgrip and stopper
- These transparent base allows to watch blood reflux when vein is punctured

Safety shield/mechanism:
- Robust safety shield or box covers entire needle or needle is retracted
- Can be activated with the thumb, finger or any flat surface
- Maximizes protection from sharps injury

Colour-coded hub and cannula, by size

Recommended brand: Braun, Becton Dickinson

Sterile, disposable

Packaging: individual sterilized peel-packs made of paper and/or plastic in protective carton packaging (25-50 units/box)

Labeling: exp date, lot number, items description multilingual, type of sterilization, manufacturer name, ref number, CE + no, directions of use

**Other requirements:** Quality must comply with Medical Device Directive 93/42/EEC or equivalent

Meets the following standards:
- EN-ISO 10555-1: Sterile, single-use intravascular catheters - Part 1: General requirements
- EN-ISO 20594-1: Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment (Part 1: General requirements (ISO 594-1:1986))

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**1300 JERRYCAN, foldable, 10L, food grade plastic, screw cap 50mm**

Material: new LDPE plastic (low density polyethylene), blow molded
Square shape type, injection molded screw cap with integral tap
Translucent, no colour, UV-stabilized

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**1301 KETTLE, electrical, 230 V, 2L, plastic, 2000W**

Boiling time of approx 3 minutes
Temperature safety cutout, handle to be heatproof, with close fitting lid
Approx 1.5 -2 kW, 230V
**To be supplied with:** 1.5 m cable and plug (European)

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**1302 KIDNEY DISH, medium, 250x140x40mm, stainless steel**
Kidney shape, non-sterile
Length: 25 cm
Width: 14 cm
Depth: 4 cm

1303  KIT, EMERGENCY, for children, without drugs

Prepacked in a backpack with contents list featuring expiry dates (hard and soft copy)
Completely equipped according to DIN 13232 A+C
Without drugs, without oxygen

Including contents list:
1 SUCTION UNIT, hand operated, 600ml
1 TUBE SUCTION, CH12, 53cm. straight, sterile, disposable
1 TUBE SUCTION, CH14, 53cm. straight, sterile, disposable
1 TUBE SUCTION, CH16, 53cm. straight, sterile, disposable
1 MUCUS EXTRACTOR, for newborn, CH10, with HIV filter
1 RESUSCITATOR, BABY, incl. 1 Paedi valve + 1 mask No OA
1 PEEP valve
1 BACTERIAL FILTER FOR RESUSCITATOR
1 FORCEPS, CATH. INTRODUCING, MAGILL, 16cm, child extra small
1 LARYNGOSCOPE, McIntosh, baby, handle diam. 19 mm, blade 0,1,2
1 FACE MASK, FOR RESUSCITATOR, size 0A, neonate/baby, silicone, reus.
1 FACE MASK, FOR RESUSCITATOR, size 1, child 5-10kg, silicone, reus.
1 FACE MASK, FOR RESUSCITATOR, size 2, child 10-20kg, silicone, reus.
1 TUBE, GUEDEL, airways, No 00, neonate, autoclavable
1 TUBE, GUEDEL, airways, No 0, baby, autoclavable
1 TUBE, GUEDEL, airways, No 1, child, autoclavable
1 LARYNGOSCOPE, McIntosh, adult and baby, handle
1 LARYNGOSCOPE, McIntosh, adult and baby, handle diam. 28mm, blade 0,1,2
1 SPHYGMOMANOMETER, ANEROID, baby/child w/3 cuffs 5/7/10cm
1 STETHOSCOPE, duplex, pediatric, (dual-head chestpiece)
1 ENDOTRACHEAL TUBE, No.03, without cuff, sterile, disposable
1 ENDOTRACHEAL TUBE, No.04, without cuff, sterile, disposable
1 ENDOTRACHEAL TUBE No.4.5, without cuff, sterile, disposable
1 ENDOTRACHEAL TUBE No.05, without cuff, sterile, disposable
1 INTRODUCER FOR ENDOTRACHEAL TUBE, child
1 LAMP, POCKET PEN TORCH, plastic body, works with 2 batteries
1 HAMMER, PERCUSSION, 20cm
1 BLOOD SUGAR TEST STRIPS
1 THERMOMETER, medical, mercury-free
1 PACK SKIN DISINFECTANT
1 SAFETY, IV CANNULA, G14 2.2x50mm, orange
1 SAFETY, IV CANNULA, G20 1.1x33mm, teflon, with inj. site, pink
1 SAFETY, IV CANNULA, G14 0.9x25mm, Teflon, with inj. site, blue
1 IV CANNULA FIXATION, plaster
1 INTRAOSSEOUS PUNCTURE DEVICE, children
1 INFUSION SET, min 150cm, with air intake, inj. site, no needle
1 TORNQUIET COTTON, 42x2.4cm, elastic, with buckle
1 TWEEZER mind. 140mm
1 NEEDLE HOLDER
1 HEMOSTAT (Artery Forceps)
1 SCALPEL DISPOSABLE
1 SCISSORS, DRESSING, Lister, 18cm
6 COMPRESS, GAZUE, 10x10cm, 8plys, 17thr. sterile, 2pcs
2 FIXING BANDAGE (DIN 61634-FB8)
2 BANDAGE PACKET (DIN 13151M)
1 BANDAGE TOWEL (DIN 13152-A)
1 BANDAGE TOWEL (DIN 13152-BR)
8 WOUND DRESSING (DIN 13019-E 10x6)
1 ADHESIVE PLASTER
1 RESCUE SHEET, silver/gold insulating foil, 210cmx160cm
1 DISINFECTANT, HAND, bottle 50ml
1 GLOVE, SURGICAL, size 7, sterile, pair
1 GLOVE, SURGICAL, size 8, sterile, pair
4 GLOVE, EXAMINATION, Latex, none sterile, medium (7-8)
4 GLOVE, EXAMINATION, Latex, none sterile, Large (8-9)
2 FACE MASK, Protection, FFP3 with exhale, disposable
5 SYRINGE, 2ml, 2parts, disposable
5 SYRINGE, 10ml, 2parts, disposable
2 SYRINGE, 20ml, 2parts, disposable
10 SAFETY, SINGLE USE NEEDLE Gr.1
1 SHARP CONTAINER, safety disposable box, needle/cannula
1 DRAIN, THORACIC, CH28, straight, 50cm, sterile, disposable

1304 KIT, EMERGENCY, for adults, without drugs

Prepacked in a backpack with contents list featuring expiry dates
Completely equipped according to DIN 13232 A+B, adults
Without drugs, without oxygen

Including contents list:
1 SUCTION UNIT, hand operated, 600ml
1 TUBE SUCTION, CH18, 53cm, straight, sterile, disposable
1 RESUSCITATOR, ADULT, incl. 1 valve + 1 mask 5
1 PEEP valve
1 BACTERIAL FILTER FOR RESUSCITATOR
1 FORCEPS, CATH. INTRODUCING, MAGILL, 16cm, child extra small
1 LARYNGOSCOPE, McIntosh, baby, handle diam. 19 mm, blade 0.1,2
1 FORCEPS, CATH. INTRODUCING, MAGILL, 19cm, child small
1 FORCEPS, CATH. INTRODUCING, MAGILL, 24cm, adult
1 LARYNGOSCOPE, McIntosh, adult, handle diam. 28 mm, blade 2.3.4, with batteries
1 FACE MASK, RESUSCITATOR size 3, child 30-50kg, silicone, reus.
1 FACE MASK, RESUSCITATOR, size 4, adult 50-70kg, silicone, reus.
1 FACE MASK, RESUSCITATOR, size 5, child 70-100kg, silicone, reus
1 SPHYGMOMANOMETER, ANEROID, adult with 1cuff 14x54.5 cm
1 STETHOSCOPE, duplex, adult, (dual-head chestpiece)
1 TUBE, GUEDEL, airways, No 2, adult small, autoclavable
1 TUBE, GUEDEL, airways, No 3, adult, autoclavable
1 TUBE, GUEDEL, airways, No 4, adult large, autoclavable
1 LARYNGOSCOPE, McIntosh, adult and baby, handle
1 LARYNGOSCOPE, McIntosh, adult and baby, handle diam. 28mm, blade,3,4
1 SPHYGMOMANOMETER, ANEROID, baby/child w/3 cuffs 5 /7/10cm
1 STETHOSCOPE, duplex, pediatric, (dual-head chestpiece)
1 ENDO TRACHEAL TUBE, No.06, without cuff, sterile, disposable
1 ENDO TRACHEAL TUBE, No.07, without cuff, sterile, disposable
1 ENDO TRACHEAL TUBE, No.08, without cuff, sterile, disposable
1 INTRODUCER FOR ENDO TRACHEAL TUBE, adult
1 LAMP, POCKET PEN TORCH, plastic body, works with 2 batteries
1 HAMMER, PERCUSSION, 20cm
1 BLOOD SUGAR TEST STRIPS
1 THERMOMETER, medical, mercury-free
1 PACK SKIN DISINFECTANT
1 SAFETY, IV CANNULA, G18, 1.3x45mm, teflon, with inj.site green
1 SAFETY, IV CANNULA, G16, 2.0x50mm, teflon, with inj.site, grey
1 SAFETY, IV CANNULA, G24, 0.7x19mm, teflon, with inj.site, yellow
1 IV CANNULA FIXATION, plaster
1 INTROSSEOUS PUNCTURE DEVICE, adults
1 INFUSION SET, min 150cm, with air intake, inj.site, no needle
1 TOURNIQUET COTTON, 42x2.4cm, elastic, with buckle
1 TWEEZER mind. 140mm
1 NEEDLE HOLDER
1 HEMOSTAT (Artery Forceps)
1 SCALPEL DISPOSABLE
1 SCISSORS, DRESSING, Lister, 18cm
1 COMPRESS, GAUZE, 10x10cm, 8plys, 17thr. sterile, 2pcs
2 FIXING BANDAGE (DIN 61634-FB8)
2 BANDAGE PACKET (DIN 13151M)
1 BANDAGE TOWEL (DIN 13152-A)
1 BANDAGE TOWEL (DIN 13152-BR)
8 WOUND DRESSING (DIN 13019-E 10x6)
1 ADHESIVE PLASTER
1 RESCUE SHEET, silver/gold insulating foil, 210cmx160cm
1 DISINFECTANT, HAND, bottle 50ml
1 GLOVE, SURGICAL, size 7, sterile, pair
1 GLOVE, SURGICAL, size 8, sterile, pair
4 GLOVE, EXAMINATION, Latex, none sterile, medium(7-8)
4 GLOVE, EXAMINATION, Latex, none sterile, Large (8-9)
2 FACE MASK, Protection, FFP3 with exhale, disposable
5 SYRINGE, 2ml, 2parts, disposable
5 SYRINGE, 10ml, 2parts, disposable
2 SYRINGE, 20ml, 2parts, disposable
10 SAFETY, SINGLE USE NEEDLE Gr.1
1 SHARP CONTAINER, safety disposable box, needle/cannula
1 DRAIN, THORACIC, CH28, straight, 50cm, sterile, disposable

1304a MAJOR TRAUMA BACKPACK KIT, for adults and children, without drugs

Prepacked in a backpack with contents list (Excel file) featuring expiry dates
Completely equipped according to DIN 13232 A+B+C, adults and children
Without drugs, without oxygen

Including contents list:
1 SUCTION UNIT, hand operated, 600 ml
1 TUBE, SUCTION, CH 12, 53 cm, straight, sterile, disposable
1 TUBE, SUCTION, CH 14, 53 cm, straight, sterile, disposable
1 TUBE, SUCTION, CH 16, 53 cm, straight, sterile, disposable
1 TUBE, SUCTION, CH 18, 53 cm, straight, sterile, disposable
1 MUCUS EXTRACTOR, for newborn, CH 10, with HIV filter
1 RESUSCITATOR, ADULT, incl. 1 valve (DIN EN ISO 10651-4)
1 RESUSCITATOR, BABY, incl. 1 Paedi valve (DIN EN ISO 10651-4)
1 PEEP Valve
1 BACTERIAL FILTER FOR RESUSCITATOR
1 FACEMASK FOR RESUSCITATOR, size 5, adult 70-100kg, silicone, reusable
1 FACE MASK FOR RESUSCITATOR, size 4, adult 50-70kg, silicone, reusable
1 FACE MASK FOR RESUSCITATOR, size 3, adult 50-70kg, silicone, reusable
1 FACE MASK FOR RESUSCITATOR, size 2, child 10-20kg, silicone, reusable
1 FACE MASK FOR RESUSCITATOR, size 1, child 5-10kg, silicone, reusable
1 FACE MASK FOR RESUSCITATOR, size 0 A, neonates, silicone, reusable
1 TUBE, GUEDEL, airways, No 4, adult, autoclavable
1 TUBE, GUEDEL, airways, No 3, adult, autoclavable
1 TUBE, GUEDEL, airways, No 2, adolescent, autoclavable
1 TUBE, GUEDEL, airways, No 1, child, autoclavable
1 TUBE, GUEDEL, airways, No 0, baby, autoclavable
1 TUBE, GUEDEL, airways, No 00, neonate, autoclavable
1 LARYNXMASK/TUBE, 155-180CM
1 LARYNXMASK/TUBE, 125-155CM
1 LARYNXMASK/TUBE, 5-12 KG
1 LARYNGOSCOPE SET, for adult and baby: handle (diam. 28 mm with LED light) with autoclavable blades (size 0, 1, 2, 3, 4)
1 FORCEPS, CATH, INTRODUCING, MAGILL, 24cm, adult, autoclavable
1 FORCEPS, CATH, INTRODUCING, MAGILL, 16cm, child extra small, autoclavable
1 ENDOTRACHEAL, TUBE, No 03, without cuff, sterile, disposable
1 ENDOTRACHEAL, TUBE, No 04, without cuff, sterile, disposable
1 ENDOTRACHEAL, TUBE, No 05, without cuff, sterile, disposable
1 ENDOTRACHEAL, TUBE, No 06, with cuff, sterile, disposable
1 ENDOTRACHEAL, TUBE, No 07, with cuff, sterile, disposable
1 ENDOTRACHEAL, TUBE, No 08, with cuff, sterile, disposable
1 INTRODUCER FOR ENDOTRACHEAL TUBE, adult
1 INTRODUCER FOR ENDOTRACHEAL TUBE, child
1 SPHYGMOMANOMETER, ANEROID, baby/child w/3 cuffs 5 /7/10cm
1 SPHYGMOMANOMETER, ANEROID, adult with 1 cuff 14x54.5 cm
1 STETHOSCOPE, duplex, adult, (dual-head chestpiece)
1 LAMP, POCKET PEN TORCH, plastic body, works with 2 batteries
1 HAMMER, PERCUSSION, 20 cm
1 BLOOD SUGAR TEST-STRIPS
1 THERMOMETER, medical, mercury-free
1 PACK SKIN DISINFECTANT
1 SAFETY, IV CANNULA, , 14 G 2.2 x 50 mm, orange
1 SAFETY, IV CANNULA, G 18, 1.3 x 45 mm, teflon, with inj. site, green
1 SAFETY IV CANNULA, G 16, 2.0 x 50 mm, teflon, with inj. site, grey
1 SAFETY IV CANNULA, G 20, 1.1 x 33 mm, teflon, with inj. site, pink
1 SAFETY IV CANNULA, G 22, 0.9 x 25 mm, teflon, with inj. site, blue
1 SAFETY IV CANNULA, G 24, 0.7 x 19 mm, teflon, with inj. site, yellow
6 IV CANNULA FIXATION, Plaster
1 INTRAOSSEOUS PUNCTURE DEVEICE, adults
1 INTRAOSSEOUS PUNCTURE DEVEICE, children
1 INFUSION SET, min. 150cm, with air intake, inj. site, no needle
1 TOURNIQUET, COTTON, 42x2.4cm, elastic, with buckle
1 TWEEZERS mind.140mm, autoclavable
1 NEEDLE HOLDER, autoclavable
<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEMOSTAT (ARTERY FORCEPS), autoclavable</td>
<td>1</td>
</tr>
<tr>
<td>SCALPEL DISPOSABLE</td>
<td>1</td>
</tr>
<tr>
<td>SCISSORS, DRESSING, LISTER, 18 cm</td>
<td>1</td>
</tr>
<tr>
<td>COMPRESS, GAUZE, 10 x 10 cm, 8 plys, 17 thr., ster., 2 pcs</td>
<td>6</td>
</tr>
<tr>
<td>FIXING BANDAGE (DIN 61634- FB8)</td>
<td>2</td>
</tr>
<tr>
<td>BANDAGE PACKET (DIN 13151M)</td>
<td>2</td>
</tr>
<tr>
<td>BANDAGE TOWEL (DIN13152-A)</td>
<td>1</td>
</tr>
<tr>
<td>BANDAGE TOWEL (DIN13152-BR)</td>
<td>1</td>
</tr>
<tr>
<td>WOUND DRESSING (DIN 13019-E 10x6)</td>
<td>8</td>
</tr>
<tr>
<td>ADHESIVE PLASTER</td>
<td>1</td>
</tr>
<tr>
<td>RESCUE SHEET, silver/gold insulating foil, 210 cm x 160 cm</td>
<td>1</td>
</tr>
<tr>
<td>DISINFECTANT, HAND, bottle 1 ltr, 50ml</td>
<td>1</td>
</tr>
<tr>
<td>GLOVE, SURGICAL, size 7, sterile, pair</td>
<td>1</td>
</tr>
<tr>
<td>GLOVE, SURGICAL, size 8, sterile, pair</td>
<td>1</td>
</tr>
<tr>
<td>GLOVE, EXAMINATION, LATEX, none sterile, medium (7-8)</td>
<td>4</td>
</tr>
<tr>
<td>GLOVE, EXAMINATION, LATEX, none sterile, large (8-9)</td>
<td>4</td>
</tr>
<tr>
<td>FACE MASK, PROTECTION, FFP 3 with exhaler, disposable</td>
<td>2</td>
</tr>
<tr>
<td>SYRINGE, 2 ml, 2 parts, disposable</td>
<td>5</td>
</tr>
<tr>
<td>SYRINGE, 10 ml, 2 parts, disposable</td>
<td>5</td>
</tr>
<tr>
<td>SYRINGE, 20 ml, 2 parts, disposable</td>
<td>2</td>
</tr>
<tr>
<td>SAFETY, SINGLE USE NEEDLE GR1</td>
<td>10</td>
</tr>
<tr>
<td>SAFETY DISPOSAL BOX, CANNULA/ NEEDLE</td>
<td>1</td>
</tr>
<tr>
<td>DRAIN, THORACIC, CH 28, straight, 50 cm, sterile, disposable</td>
<td>1</td>
</tr>
</tbody>
</table>
1305  **KNIFE, PLASTER, ESMACH, 18 cm**

1306  **LABEL, SELF-ADHESIVE, approx 30x70 mm**

White
Writable

1307  **LABEL, SELF-ADHESIVE, for syringes, small**

Used to label 2 ml to 10 ml syringes
White
Writable

1309  **LAMP, EXAMINATION, 1 spot, mobile, 230V**

Lamp designed for basic hospital structures that performs essentially emergency activity and for maternity units
Power supply: 220-240V
Articulating arm, coated
Adjustable in height (approx 100-220cm)
Base with 4 or 5 branches; with 4 or 5 antistatic castors

1310  **LAMP, FRONTAL, LED, head band, battery operated**

Adjustable beam by rotation of the lamp head
Should work with AA batteries, preferably 3 batteries
Shockproof from 2m high, waterproof in the rain
Lamp with tiltable housing LED Lights
**To be supplied with:** batteries
1311  **LAMP, OPERATING, 3 spots, 90.0000 Lux, mobile, 220V, + acc.**

Mobile operating theatre lamp with 3 reflectors for surgery
Like model Doctor Mach: Trigenflex R96

Components:
- Lamp with 3 reflectors/spots with halogen bulb: 22.8/24V 50W
- Stand
- Handle for lamp, autoclavable
- Back-up system for battery-operation

Lamp:
- Light intensity: 90000 Lux
- Colour temperature: 4300°K
- Focusable light field size: 15-26cm
- Working distance: 70-140cm
- Diameter of the lamp: approx 48cm
- Total radiation at 100000 Lux: 389W/m²
- Temperature increase around the head: 2°C
- Needs a ceiling height minimum 3.60m
- Power input: 150W
- Total weight: approx 30 kg

Battery backup system:
- 4 hours autonomy
- Maintenance free battery included
- Deep discharge protection
- Automatic switch-over in case of power failure
- Built-in battery charger (also suitable for charging other batteries)
- With capability for connection to Photovoltaic system (12 V).

Packaging:
- Dismantled 1 part lamp, 1 part stand + 3 spare bulbs/ 1 set fuses and 2 lamp handles
- The complete lamp is safely packed in a wooden crate

**To be supplied with:** Spare parts:
- 3 Bulb Halogen 22.8/24V 50W
- 3 Fuse
- 2 Handle
1312 **LAMP, POCKET PEN TORCH**, plastic body, works with 2 batteries

1313 **LAMP, TORCH**, medium, waterproof

2 batteries size D/LR20

*To be supplied with:* batteries

1314 **LANCET**, sterile, disposable

Lancets are sharp instruments with beveled point to take capillary samples by pricking a finger, heel or earlobe

*Material:* stainless steel
Sterile, disposable (immediately after use, dispose the lancet into a safety container)
Single use only
Packaging:
- 1 lancet packed in an individual sterilised peel-pack made of paper and/or plastic
Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr

1315 LARYNGOSCOPE, McIntosh, adult and baby, handle diam. 28 mm, blade 0,1,2,3,4

To expose and view larynx and its surrounding structures, necessary for successful intubation through epiglottis or other procedures
Used in anaesthesia/resuscitation
Material:
- Handle: stainless steel or chromium platted, slightly rigged
- Depressor/laryngoscope blade: stainless steel, curved or straight
A laryngoscope is made of the following parts:
- Hollow handle type fit 2 batteries
- Spatula/blade: McIntosh type, slightly curved blade with a small bulbous end tip fixed to handle with a hook on system
Illumination: battery in the handle + lamp with the blade or fiber optics
Bulb for blade or blade with fiber optics, each blade has a single bulb removable for cleaning
Handle type C, diameter 28 mm, for battery LR14
5 curved McIntosh laryngoscope blades:
- Size 0: length/blade: 55 mm, newborn
- Size 1: length/blade: 70 mm, baby
- Size 2: length/blade: 90 mm, child
- Size 3: length/blade: 110 mm, adult small
- Size 4: length/blade: 130 mm, adult large
Packaging: in solid protective case, name and characteristics of the article must appear on the packaging
To be supplied with: 2 batteries; dry cell, alkaline, LR14
2 spare bulb (if on bulb on tip);
1 spare bulb if fiber optics
1316 **LEAD SHEET, for X-Ray cassettes; 25 x 45 cm**

To be used for covering part of X-Ray Cassettes when taking X-Rays

Lead sheet: 2 mm thickness

1317 **LIGATURE, UMBILICAL, 100mx3mm, non sterile, roll for 500 lig.**

Material: 100% cotton thread
Roll length 100 m, to produce 500 umbilical cord ligatures
Flat braided thread, 3 mm wide
One umbilical cord ligature = +/- length 20 cm
Non-absorbable, non-sterile, autoclavable
Needs to be sterilized or boiled before use
Packaging: 1 roll in suitable protective packaging
The following information must appear on the label of each packet:
- Length
- Width
- Material

1318 **LOOP HOLDER, Kolle (240 mm) aluminium**

Instrument composed of a handle and a loop, used to carry liquid or solid elements
Used to take a sample of sputum and spread it on a slide in order to search the acid fast bacilli
Material: aluminium holder with plastic handle according to Kolle
1319 LOOP, FOR LOOP HOLDER, diam 4 mm

Material: Nickel  
Length of the wire: 45-55 mm  
Diameter of the loop: 3-4 mm  
Diameter of the wire: 0.6 mm  
The wire loop is inserted into the holder  
To be used with: LOOP HOLDER, Kolle (240 mm) aluminium

1320 MANDRIN FOR IV CANNULA G 16, grey

Sterile device to be introduced into the IV cannula in times of no drug administration  
For single use  
Packaging: in sterile peel-off sachet in protective carton box (100 units/box)  
Other requirements: meets the EN-ISO 10555-1 and EN-ISO 20594-1 standards  
Must be purchased from the same company that manufactures the cannula in order to ensure that the mandrin fits!

1321 MANDRIN FOR IV CANNULA G 18, green

Sterile device to be introduced into the IV cannula in times of no drug administration  
For single use  
Packaging: in sterile peel-off sachet in protective carton box (100 units/box)
Other requirements: meets the EN-ISO 10555-1 and EN-ISO 20594-1 standards
Must be purchased from the same company that manufactures the cannula in order to ensure that the mandrin fits!

1322 MANDRIN FOR IV CANNULA G 20, pink
Sterile device to be introduced into the IV cannula in times of no drug administration
For single use
Packaging: in sterile peel-off sachet in protective carton box (100 units/box)
Other requirements: meets the EN-ISO 10555-1 and EN-ISO 20594-1 standards
Must be purchased from the same company that manufactures the cannula in order to ensure that the mandrin fits!

1323 MANDRIN FOR IV CANNULA G 22, blue
Sterile device to be introduced into the IV cannula in times of no drug administration
For single use
Packaging: in sterile peel-off sachet in protective carton box (100 units/box)
Other requirements: meets the EN-ISO 10555-1 and EN-ISO 20594-1 standards
Must be purchased from the same company that manufactures the cannula in order to ensure that the mandrin fits!

1324 MANDRIN FOR IV CANNULA G 24, yellow
Sterile device to be introduced into the IV cannula in times of no drug administration
For single use
Packaging: in sterile peel-off sachet in protective carton box (100 units/box)
Other requirements: meets the EN-ISO 10555-1 and EN-ISO 20594-1 standards
Must be purchased from the same company that manufactures the cannula in order to ensure that the mandrin fits!

1325 MANDRIN FOR TUBE, ENDOTRACHEAL, adult
Mandrin used for introducing endotracheal tube
For intubation of adults
To be used with: TUBE, ENDOTRACHEAL
1326 MANDRIN FOR TUBE, ENDOTRACHEAL, child

Mandrin used for introducing endotracheal tube
For intubation of children
To be used with: TUBE, ENDOTRACHEAL

1329 MARKER PEN, permanent, large size, black

1330 MARKER PEN, permanent, medium size, black

1331 MARKER PEN, permanent, medium size, black, for use on sterile packs

For marking sterilization packaging material, using special autoclavable non-staining ink
without addition of oxylene/toluene
Design for light touch writing to avoid damage of packaging material

1332  MARKER PEN, permanent, thin size, black

1333  MARKER, for white board, blue
Size: approx. 13 x 1.7cm
Medium tip
Ink:
- Non-toxic and neutral smell
- Environmental friendly
To be used with:  WHITE BOARD, approx. 110 x 70 cm

1334  MARKER, for white board, green
Size: approx. 13 x 1.7cm
Medium tip
Ink:
- Non-toxic and neutral smell
- Environmental friendly
To be used with:  WHITE BOARD, approx. 110 x 70 cm

1335  MARKER, for white board, red
Size: approx. 13 x 1.7cm
Medium tip
Ink:
- Non-toxic and neutral smell
- Environmental friendly
To be used with:  WHITE BOARD, approx. 110 x 70 cm

1336  MARKER, X-RAY, + (plus), lead made

1337  MARKER, X-RAY, LETTER "L/R", lead made
Double clip-on marker with "R" on one side and "L" on the other side
To fit all standard cassettes
Material: stainless steel
1338 MASK, ANAESTHESIA, size 0 A, neonates, silicone, reusable

Resuscitation face mask for neonate and very small children
Can also be used with paediatrics breathing circuit
Manufacturer e.g. Ambu®
Component/material:
- Dome: polysulphone, transparent
- Cushion/cuff: Chloroprene mask/ AO, filled with foam (no adjustable inflation) with 15mm ISO connectors
Can be dismantled for cleaning and sterilisation (autoclave 121°C)
Unit presentation: 1 mask with user manual/maintenance manual, multilingual, in a protective plastic bag
Packaging:
Protective wrapping
The name and characteristics of the article must appear on the packaging
To be used with: RESUSCITATOR AMBU, BABY, incl. 1 Paedi valve

1339 MASK, ANAESTHESIA, size 0, child 5-10kg, silicone, reusable

Face mask intended to be connected to a self-inflating bag or an anesthesia balloon for ventilation assistance in children
Size 0, child 5-10 kg
Rigid moulded shell, made of transparent polysulphon
Silicone rubber rim:
- Flexible
- Inflatable (pressure can be adjusted)
- Anti-leak
Silicone rubber connector, 22 mm diameter (Adapter might be necessary!)
Iron hooks for fixing the headband
Each shell must be marked with the number corresponding to the size of the mask
Autoclavable
Unit presentation: non sterile

1340 MASK, ANAESTHESIA, size 2, child 10-20kg, silicone, reusable

Face mask intended to be connected to a self-inflating bag or an anesthesia balloon for ventilation assistance in children
Size 2, child 10-20 kg
Rigid moulded shell, made of transparent polysulphon
Silicone rubber rim:
- Flexible
- Inflatable (pressure can be adjusted)
- Anti-leak

Silicone rubber connector, 22 mm diameter (Adapter might be necessary!)
Iron hooks for fixing the headband
Each shell must be marked with the number corresponding to the size of the mask

Autoclavable
Unit presentation: non sterile

1341 MASK, ANAESTHESIA, size 3, child 30-50kg, silicone, reusable

Face mask intended to be connected to a self-inflating bag or an anesthesia balloon for ventilation assistance in children
Size 3, child 30-50 kg
Rigid moulded shell, made of transparent polysulphon
Silicone rubber rim:
- Flexible
- Inflatable (pressure can be adjusted)
- Anti-leak
Silicone rubber connector, 22 mm diameter (Adapter might be necessary!)
Iron hooks for fixing the headband
Each shell must be marked with the number corresponding to the size of the mask

Autoclavable
Unit presentation: non sterile

1342 MASK, ANAESTHESIA, size 4, adult 50-70kg, silicone, reusable.

Face mask intended to be connected to a self-inflating bag or an anesthesia balloon for ventilation assistance in children
Size 4, adult 50-70 kg
Rigid moulded shell, made of transparent polysulphon
Silicone rubber rim:
- Flexible
- Inflatable (pressure can be adjusted)
- Anti-leak
Silicone rubber connector, 22 mm diameter (Adapter might be necessary!)
Iron hooks for fixing the headband
Each shell must be marked with the number corresponding to the size of the mask

Autoclavable
Unit presentation: non sterile

1343 MASK, ANAESTHESIA, size 5, adult 70-100kg, silicone, reusable
Face mask intended to be connected to a self-inflating bag or an anesthesia balloon for ventilation assistance in children
Size 5, adult 70-100 kg
Rigid moulded shell, made of transparent polysulphon
Silicone rubber rim:
  - Flexible
  - Inflatable (pressure can be adjusted)
  - Anti-leak
Silicone rubber connector, 22 mm diameter (Adapter might be necessary!
Iron hooks for fixing the headband
Each shell must be marked with the number corresponding to the size of the mask
Autoclavable
Unit presentation: non sterile

1344 MASK, SURGICAL, standard size, disposable
Mask covering lower part of the face used by medical/surgical staff
Material: non-woven, impermeable to liquids
Filtration level: > 95%
Air permeability: 1.89 mm H2O
Tests made with particles of 3 microns
Four strips for tying behind neck
Non sterile, disposable
Packaging: carton, no. of units displayed on packaging
Other requirements: meets the EN 149 standard

1345 MATERIAL, SURGICAL, green cotton, for drapes and gowns, 100 m, roll
Material: 100% cotton or 50% cotton and 50% polyester
Reusable woven fabrics
Designation: 100% cotton cretonne fabric
  - Number of threads/cm: warp: 24, weft: 24
  - Metric count: warp: 28, weft: 28
  - Weight per m2: 180 g
Polyester/ cotton:
Designation: Woven cotton 50% cotton / 50% polyester fabric, heat set
- Number of threads/cm: warp: 24, weft: 22
- Metric count: warp: 28, weft: 28
- Weight per m²: 175g

Both woven fabric material are suitable for normal washing, withstand boiling & autoclaving and are resistant to chlorine 5%

Colour: green
Size: 160 cm x 100 m
Roll in double layer (width 80 cm)

Other requirements: maximum width of pack: 100 cm!
meets G1 DIN 61621

1346 MATTRESS, to fit hospital bed

Washable
Flame retardant
Easy to disinfect
Mattress should have watertight, urine proof and flame retardant cover
High-density foam filling, minimum density of 30 kg/m³
Thickness: approx 4cm
Length and width to match the bed size of HOSPITAL BED
Vacuum packing to minimize packing size
To be used with: HOSPITAL BED

1348 MEASURING JUG, 2L, graduated, shock proof transparent plastic

1349 MEGAPHONE, 25W, with micro + 8 C/R14 batteries 1.5V

Handle with on/off switch
Separate microphone with lock function, hoice between siren or speech
With carrying strap
Rated power: 25W
Range: 600m
Microphone sensitivity: -36±1dB (0dB = 1V/pa)
Frequency response: 500 Hz – 8 KHz
Power supply: 12Vdc (8 x 1.5V D battery)
Net weight: 1500g
Dimensions horn: Ø240mm x 330mm
To be supplied with: 8 x 1.5V D battery
1350 MICRO TEST TUBES, with lid, 1.5 ml

Polypropylene centrifuge micro test tubes with hinged membrane lid used to centrifuge or store liquid substances
Like Eppendorf Safe Lock
With graduation
Colourless
Lid to be leak proof
With membrane in the middle of the lid to allow aerosol-free removal of biohazardous substances

1351 MICROPIPETTING AID "micro-classic"

Micro pipetting aid with suction tube and adapter for disposable micropipettes with ring mark and other small volume pipettes up to approx. 1 ml
Material: plastic, rubber and metal
Components: handle with venting bottom, thumb wheel, suction tube, spring clip, adapter and adapter support
Size:
- Length 180 mm
- Width 23 mm
- Height 17 mm

1352 MICROPIPETTOR, ADJUSTABLE, 10-100 µl

Automatic pipette used to take accurately small liquid samples
Material: polypropylene
Tip release
Volume adjustable
To be used with: PIPETTE TIP, YELLOW, 10-100 µl

1353 MICROPETTOR, ADJUSTABLE, 200-1000 µl

Automatic pipette used to take accurately small liquid samples
Material: polypropylene
Tip release
Volume adjustable
To be used with: PIPETTE TIP, BLUE, 200-1000 µl

1354 MICROSCOPE BINOCULAR, LABORATORY

For transmitted light microscopy
Stable, robust microscope
Like Olympus CX 31
Optical system:
- US (Universal infinity corrected optical system)
- Illumination: built in transmitted Koehler illuminator, 6V/30 Watt halogen bulb 100-120V/220-240V
- Focusing: stage height movement by roller guide (rack & pinion)
- Stroke per rotation: 36.8mm
- Full stroke range: 25mm
- Upper limit stopper by simplified pre-focusing dial
- Tension adjustment on coarse focus adjustment knob
- Revolving nosepiece: fixed quadruple nosepiece with inward tilt
- Binocular observation tube: field number 20
- Tube inclination: 30°
- Interpupillary distance adjustment range: 48-75mm

Stage:
- Size: 188(W) x 134(D) mm
- Movement range: 76 mm X-direction x 50 mm Y-direction
- Specimen holder: double slide holder

Rubber grip: Equipped as standard
Condenser:
- Type: Abbe condenser, with built in, daylight filter; NA. 1.25 with oil immersion
- Aperture iris diaphragm: built in
Objectives: Achromat 10x, 40x and Plan achromat 100x
Eyepiece: 10x Field Number 20

Packaging: individually packed in a protective carrying case

To be supplied with: 3 spare bulbs
1 dust protection cover
1 bottle immersion oil 10ml

1356 MONITOR, patient vital sign, with accessories

Suitable for adult, paediatric and neonatal patients
Built to withstand harsh environments
Resistant to dust and water jets (IP55 Rating)
Large colour LCD-display
Up to 10 hrs battery use
Adjustable alarms
Monitoring parameters:
- SpO2
- NIBP
- Pulse rate

Weight: approx. 3.5 kg incl. battery

To be supplied with:
- SpO2 sensors for adults, child and neonates
- NIBP cuff
- Li-ion battery

1357 MOSQUITO NET rectangular 160 x 180 x 150 cm, perm. impregnated

Material: Polyester 100%, ISO1833
Fabrication: Wrap knitted, ISO8388
Denier: 75/100
Filament: Multi-filament 36 or higher
Mesh size: 25 holes/cm^2 (156 holes/inch^2)
Weight: 40 g/m^2, ISO3801
Shrinkage: 5% maximum, ISO5077
Bursting strength: 605-710 KPa maximum, ISO2960
Fire safety: 16 (CFR1610)
Treatment: Long lasting insecticide (3-5 years)
Large size: 160 x 180 x 150 cm
Flammability tested: CPSC16 part 1610 cs 191-53 (US)
Net need to have an overlapping slit
All types of Mosquito nets are provided with necessary straps and loops
Packaging: in plastic or nylon bags and carry an instruction leaflet

1360 MUCUS EXTRACTOR, for newborn, CH 10, with HIV filter

Components:
- 1 transparent container (reservoir)
- 2 catheters one from the reservoir to operator's mouth and the second one for suction
- 1 HIV filter that prevents aspiration of the contents of the container
- 2 lids
- Self-adhesive identification label for newborn identification

Material:
- Container: Polypropylene, medical grade
- Catheters: Polyvinylchloride, medical grade

Container size: 20ml

Filter:
- Hydrophobic HIV-tested
- Tolerates 105mm/Hg vacuum
Prevents mucus transmission to user during procedure

Catheters:
- 370mm; outer diameter: 3.3mm (CH 10)
- One with mouthpiece to generate suction from operator's mouth
- Second is the suction to aspirate the baby
Sterilized by ethylene oxide, sterile, disposable

Packaging:
- individual sterilized peel-packs made of paper and/or plastic
- Each peel-pack to be clearly marked with expiry date and batch number

1362 NEBULIZER, compressor type

For inhalation, treatment and respiration
Air humidification, dosed medicament inhalation, especially to be used for the treatment of respiratory infections in children
Compressor system
Venturi nebulizing system, reusable
Nebulizing chamber and chamber lid to be sterilizable in steam
Interruptors to prevent the nebulizer from operation without liquid
Exchangeable air- and bacterial-filter
Particle size < 5 µm
Air flow adjustable 0 - 6 l/min
Tubing sterilizable (silicone)
To be supplied with: 5 Masks, children, reusable
5 Masks, adults, reusable
5 Mouthpiece, reusable
10 Bacterial filter elements

1363 SAFETY NEEDLE, HYPODERMIC, G 24, 0.55 x 25 mm, No. 17, purple

Components and materials:
- Tube or cannula made of stainless steel
- Base made of polypropylene (PP)
- Cap made of polypropylene (PP)
- Safety needle guard
- Safety shield/mechanism made of polypropylene (PP)

Cannula:
- Normal or thin walled
- Long beveled (angle inferior or equal to 13°= or short beveled (angle between 13° and 19°)
- Silicone-coated to facilitate insertion

Base:
- Colour-coded
- Allows the needle to be connected to a syringe or other injection device
- Formed by a conical, female, Luer connection
- Designed in a way that prevents the needle from rolling on a flat surface

Cap:
Protects the cannula and its bevel, and insures sterility of the needle

Safety shield/mechanism:
- Robust safety shield or box covers entire needle or needle is retracted
- Can be activated with the thumb, finger or any flat surface
- Maximizes protection from sharps injury

Hypodermic needles can be identified by the following inscription: “Hypodermic needle”, 2 numbers separated by a dash for the length and the diameter of the cannula (both in mm), long bevel (LB) or short bevel (SB)

Sterile, disposable, single use

Packaging: one needle in individual sterile peel pack made of paper and/or plastic, protective carton packaging (100 units/box)

Labeling: exp date, lot number, items description, needle size, type of sterilization, manufacturer name, ref number, CE + Nr

Other requirements: Conforms to EN standard 9626
Meets the specifications of the norms: EN-ISO 7864-1, EN-ISO 6009 and EN-ISO 20594-1

1364 SAFETY NEEDLE, HYPODERMIC, G 20, 0,9 x 40 mm, No.1, yellow

Components and materials:
- Tube or cannula made of stainless steel
- Base made of polypropylene (PP)
- Cap made of polypropylene (PP)
- Safety needle guard
- Safety shield/mechanism made of polypropylene (PP)

Cannula:
- Normal or thin walled
- Long beveled (angle inferior or equal to 13°= or short beveled (angle between 13° and 19°)
- Silicone-coated to facilitate insertion

Base:
- Colour-coded
- Allows the needle to be connected to a syringe or other injection device
- Formed by a conical, female, Luer connection
- Designed in a way that prevents the needle from rolling on a flat surface

Cap:
Protects the cannula and its bevel, and insures sterility of the needle

Safety shield/mechanism:
- Robust safety shield or box covers entire needle or needle is retracted
- Can be activated with the thumb, finger or any flat surface
- Maximizes protection from sharps injury

Hypodermic needles can be identified by the following inscription: “Hypodermic needle”, 2 numbers separated by a dash for the length and the diameter of the cannula (both in mm), long bevel (LB) or short bevel (SB)

Sterile, disposable, single use

Packaging: one needle in individual sterile peel pack made of paper and/or plastic, protective carton packaging (100 units/box)

Labeling: exp date, lot number, items description, needle size, type of sterilization, manufacturer name, ref number, CE + Nr

Other requirements: Conforms to EN standard 9626
Meets the specifications of the norms: EN-ISO 7864-1, EN-ISO 6009 and EN-ISO 20594-1
1365  SAFETY NEEDLE, HYPODERMIC, G 21, 0.8 x 40 mm, No.2, green

Components and materials:
- Tube or cannula made of stainless steel
- Base made of polypropylene (PP)
- Cap made of polypropylene (PP)
- Safety needle guard
- Safety shield/mechanism made of polypropylene (PP)

Cannula:
- Normal or thin walled
- Long beveled (angle inferior or equal to 13°= or short beveled (angle between 13° and 19°)
- Silicone-coated to facilitate insertion

Base:
- Colour-coded
- Allows the needle to be connected to a syringe or other injection device
- Formed by a conical, female, Luer connection
- Designed in a way that prevents the needle from rolling on a flat surface

Cap:
- Protects the cannula and its bevel, and insures sterility of the needle

Safety shield/mechanism:
- Robust safety shield or box covers entire needle or needle is retracted
- Can be activated with the thumb, finger or any flat surface
- Maximizes protection from sharps injury

Hypodermic needles can be identified by the following inscription: “Hypodermic needle”, 2 numbers separated by a dash for the length and the diameter of the cannula (both in mm), long bevel (LB) or short bevel (SB)

Sterile, disposable, single use

Packaging: one needle in individual sterile peel pack made of paper and/or plastic, protective carton packaging (100 units/box)

Labeling: exp date, lot number, items description, needle size, type of sterilization, manufacturer name, ref number, CE + Nr

Other requirements: Conforms to EN standard 9626
- Meets the specifications of the norms: EN-ISO 7864-1, EN-ISO 6009 and EN-ISO 20594-1

1366  SAFETY NEEDLE, HYPODERMIC, G 22, 0,7 x 30 mm, No.12, black

Components and materials:
- Tube or cannula made of stainless steel
- Base made of polypropylene (PP)
- Cap made of polypropylene (PP)
- Safety needle guard
- Safety shield/mechanism made of polypropylene (PP)

Cannula:
- Normal or thin walled
- Long beveled (angle inferior or equal to 13°= or short beveled (angle between 13° and 19°)
- Silicone-coated to facilitate insertion

Base:
- Colour-coded
- Allows the needle to be connected to a syringe or other injection device
- Formed by a conical, female, Luer connection
- Designed in a way that prevents the needle from rolling on a flat surface

Cap:
- Protects the cannula and its bevel, and insures sterility of the needle

Safety shield/mechanism:
SAFETY NEEDLE, HYPODERMIC, G 27, 0.42 x 19 mm, No.20, gray

Components and materials:
- Tube or cannula made of stainless steel
- Base made of polypropylene (PP)
- Cap made of polypropylene (PP)
- Safety needle guard
- Safety shield/mechanism made of polypropylene (PP)

Cannula:
- Normal or thin walled
- Long beveled (angle inferior or equal to 13°) or short beveled (angle between 13° and 19°)
- Silicone-coated to facilitate insertion

Base:
- Colour-coded
- Allows the needle to be connected to a syringe or other injection device
- Formed by a conical, female, Luer connection
- Designed in a way that prevents the needle from rolling on a flat surface

Cap:
Protects the cannula and its bevel, and insures sterility of the needle

Safety shield/mechanism:
- Robust safety shield or box covers entire needle or needle is retracted
- Can be activated with the thumb, finger or any flat surface
- Maximizes protection from sharps injury

Hypodermic needles can be identified by the following inscription: “Hypodermic needle”, 2 numbers separated by a dash for the length and the diameter of the cannula (both in mm), long bevel (LB) or short bevel (SB)
Sterile, disposable, single use
Packaging: one needle in individual sterile peel pack made of paper and/or plastic, protective carton packaging (100 units/box)
Labeling: exp date, lot number, items description, needle size, type of sterilization, manufacturer name, ref number, CE + Nr
Other requirements: Conforms to EN standard 9626
Meets the specifications of the norms: EN-ISO 7864-1, EN-ISO 6009 and EN-ISO 20594-1

SAFETY NEEDLE, SCALP VEIN, G 21, 0.8 x 19 mm, green

Butterfly needle
Thin-gauge needle designed for use in the veins of the scalp or other small veins, especially
in infants and children
Components and materials:
- Needle: stainless steel
- Safety needle guard
- Tube: PVC or polyurethane (PUR)
- Connector: PVC or polyurethane (PUR)
- Protecting cap: PVC or polyurethane (PUR)

Needle:
- Mounted on a base of variable size, which has two flexible fins that are used for anchoring and fixing the needle
- Usually triple beveled
- Silicone-coated to make the insertion easier

Tube:
- Supple
- Length: between 10 and 30 cm
- Internal volume: between 0.15 and 2.5 ml

The connector:
- Female Luer
- Usually interlocking
- Equipped with a bung, allowing an infusion set to be attached
- The sheath is open at both ends

These needles follow a colour code (visible on the fins), but this code is not yet standardized.
The external diameter of the needle (in mm and gauge) is inscribed on the fins
Sterile, disposable
Packaging: one scalp vein needle in individual sterile peel pack made of paper and/or plastic, protective carton packaging (100 units/box)
Labeling: exp date, lot number, items description, needle size, type of sterilization, manufacturer name, ref number, CE + Nr

Other requirements: Meets the specifications of the norms: EN-ISO 10555-1, EN-ISO 6009 and EN-ISO 20594-1

1370  SAFETY NEEDLE, SCALP VEIN, G 23, 0.6 x 19 mm, blue

Butterfly needle
Thin-gauge needle designed for use in the veins of the scalp or other small veins, especially in infants and children
Components and materials:
- Needle: stainless steel
- Safety needle guard
- Tube: PVC or polyurethane (PUR)
- Connector: PVC or polyurethane (PUR)
- Protecting cap: PVC or polyurethane (PUR)

Needle:
- Mounted on a base of variable size, which has two flexible fins that are used for anchoring
and fixing the needle
- Usually triple beveled
- Silicone-coated to make the insertion easier

Tube:
- Supple
- Length: between 10 and 30 cm
- Internal volume: between 0.15 and 2.5ml

The connector:
- Female Luer
- Usually interlocking
- Equipped with a bung, allowing an infusion set to be attached
- The sheath is open at both ends

These needles follow a colour code (visible on the fins), but this code is not yet standardized
The external diameter of the needle (in mm and gauge) is inscribed on the fins
Sterile, disposable

Packaging: one scalp vein needle in individual sterile peel pack made of paper and/or plastic, protective carton packaging (100 units/box)
Labeling: exp date, lot number, items description, needle size, type of sterilization, manufacturer name, ref number, CE + Nr
Other requirements: Meets the specifications of the norms: EN-ISO 10555-1, EN-ISO 6009 and EN-ISO 20594-1

1371  SAFETY NEEDLE, SCALP VEIN, G 25, 0.5 x 19 mm, orange

Butterfly needle
Thin-gauge needle designed for use in the veins of the scalp or other small veins, especially in infants and children
Components and materials:
- Needle: stainless steel
- Safety needle guard
- Tube: PVC or polyurethane (PUR)
- Connector: PVC or polyurethane (PUR)
- Protecting cap: PVC or polyurethane (PUR)
Needle:
- Mounted on a base of variable size, which has two flexible fins that are used for anchoring
and fixing the needle
- Usually triple beveled
- Silicone-coated to make the insertion easier

Tube:
- Supple
- Length: between 10 and 30 cm
- Internal volume: between 0.15 and 2.5ml

The connector:
- Female Luer
- Usually interlocking
- Equipped with a bung, allowing an infusion set to be attached
- The sheath is open at both ends

These needles follow a colour code (visible on the fins), but this code is not yet standardized

The external diameter of the needle (in mm and gauge) is inscribed on the fins

Sterile, disposable

Packaging: one scalp vein needle in individual sterile peel pack made of paper and/or plastic, protective carton packaging (100 units/box)

Labeling: exp date, lot number, items description, needle size, type of sterilization, manufacturer name, ref number, CE + Nr

Other requirements: Meets the specifications of the norms: EN-ISO 10555-1, EN-ISO 6009 and EN-ISO 20594-1

1372 SAFETY NEEDLE, SPINAL, G 22, 0.7 x 75 mm, (LP and Rachian.), black

Components and materials:
- Cannula: stainless steel, without silicone
- Safety needle guard
- Stylet: stainless steel, without silicone
- Base: polypropylene or polyamide
- Cap: rigid plastic

Cannula:
- Cylindrical, ended at one end by a base which can be either opaque or translucent and at the other end by a short beveled tip, of a particular type known as “de Quinck”
- This short beveled tip is designed to separate the dural fibres rather than cutting them, reducing damage and therefore the loss of cerebrospinal fluid

Stylet:
- Same length as tube, fits properly to the lumen of the needle and has a projection that indicates the position of the bevel of the needle

Base:
- Colour-coded
- Allows the needle to be connected to a syringe and is formed by a conical, female, Luer connection

Cap:
- Protects the cannula and its bevel and insures sterility of the needle

Spinal needles can be identified by colour-code and 2 numbers: the first for the external diameter and the second for the length of the cannula (both in mm)
Sterile, disposable
Packaging: one needle in individual sterile peel pack made of paper and/or plastic, protective carton packaging (20 units/box)
Labeling: exp date, lot number, items description, needle size, type of sterilization, manufacturer name, ref number, CE + Nr
Other requirements: Meets the specifications of the norms: EN-ISO 7864-1, EN-ISO 6009 and EN-ISO 20594-1

1373 SAFETY NEEDLE, SPINAL, G 25, 0.5 x 75 mm, (LP and Rachian.), orange

Components and materials:
- Cannula: stainless steel, without silicone
- Safety needle guard
- Stylet: stainless steel, without silicone
- Base: polypropylene or polyamide
- Cap: rigid plastic
Cannula:
- Cylindrical, ended at one end by a base which can be either opaque or translucent and at the other end by a short beveled tip, of a particular type known as “de Quinck”
- This short beveled tip is designed to separate the dural fibres rather than cutting them, reducing damage and therefore the loss of cerebrospinal fluid
Stylet:
- Same length as tube, fits properly to the lumen of the needle and has a projection that indicates the position of the bevel of the needle
Base:
- Colour-coded
- allows the needle to be connected to a syringe and is formed by a conical, female, Luer connection
Cap:
- Protects the cannula and its bevel and insures sterility of the needle
Spinal needles can be identified by colour-code and 2 numbers: the first for the external diameter and the second for the length of the cannula (both in mm)
Sterile, disposable
Packaging: one needle in individual sterile peel pack made of paper and/or plastic, protective carton packaging (20 units/box)
Labeling: exp date, lot number, items description, needle size, type of sterilization, manufacturer name, ref number, CE + Nr
Other requirements: Meets the specifications of the norms: EN-ISO 7864-1, EN-ISO 6009 and EN-ISO 20594-1
1374 NOTEBOOK, A4, 200 pages

With thick cover and back

1376 OIL SPRAY, 450ml, without silicone, for instruments

Oil spray without silicone, for oiling instruments with joints and locks
450ml spray with pressurized propellant gas (butane or propane)
Effective long protection against corrosion if used regularly
Suitable for steam sterilization (lubrication does not evaporate during sterilization)
Additive allowing the saturated steam to penetrate the oil film
Packaging:
- according to IATA regulations
- Aerosol non inflammable has to be packed under code 1950, class 2.2
Labeling:
- identification label in English with the number UN1950
- Extreme danger label, class 3: “Flammable liquid, 3”
Other requirements: complies with the specifications of the European Pharmacopoeia

1377 OIL, IMMERSION

Immersion oil is a synthetic oil essential for microscopy with a 100 x objective (immersion objective)
Viscous liquid
Hazchem code: 3Z
Hazard statement: Xn
Risk statement: R22, R40, R50/53
Safety statements: S36/37, S57, S60, S6, S25
Packaging: 100 ml plastic or glass bottle in protective wrapping or carton, labeled with expiry date and transport information

1378 OPTICAL TISSUE

Paper designed to clean microscope eyepieces, lenses and objectives
Free of mineral, does not scratch
Packaging: size depends on supplier, mostly boxes with 100 sheets
1380 **OTOSCOPE-OPHTALMOSCOPE (SET)**

Instrument used for basic diagnostic in oto-rhino-laryngology (ear, nose, throat) and ophthalmology

**Battery handle:**
- Base for otoscope/ophtalmoscope with standard illumination 2.7 V
- Ø 28 mm for 2-battery type LR14
- Material: Brass, chrome plated
- Built-in rheostat illumination adjustment

**Otoscope head:**
- Pin contact fitting to handle
- Swivel-mounted lens: 4 x magnifier (removable for introducing instruments)
- Material: Polyamide P66

**Auricle specula:**
- size 2, 3 and 4 mm, reusable; autoclavable
- Material: polyamide P6

**Ophthalmoscope head:**
- Pin contact fitting to handle
- Lens with selection wheel permitting choice of corrective lenses from 0 to +20 and 0 to -20 dioptres
- Single large circle aperture

**Bent-arm illuminator + pin-contact fitting:** stainless steel chrome plated

**Tongue blade holder:** stainless steel chrome plated

**Nasal speculum:** stainless steel chrome plated

**Laryngeal mirrors:** n° 3 and 4, stainless steel chrome plated

**Standard bulb**

**Packaging:** in plastic rigid storage case

**To be supplied with:** 1 set of batteries, alkaline
- 2 spare bulbs
OVERALL, disposable, incl. sealing tape

Personal Protective Equipment (PPE) coveralls with hood, boots and elastic wrists to protect against accidental spills, sprays and splashes of acids, bases, pesticides and other liquid chemicals
Like “Tyvek Classic Plus” Cat III Type 4,5,6
Coated with 1.25 mil of polyethylene in order to meet level B standards
Heat-sealed seams for increased holdout of liquids and dry particles > 1 µm
Storm-flapped zippers for extra protection from leakage
To be supplied with: TAPE, adhesive, for sealing PPE in sufficient amounts

OXYGEN CONCENTRATOR, 5 litre/min

Used in Surgical Emergency Unit where oxygen cylinders/oxygen supply is irregular
Like Devilbiss Series 525 DS with OSD = (Oxygen Sensing Device)
Components:
- Casing with vertical layout + handle + 4 wheels.
- Angled control panel
- 1 Dust foam pre filter (rectangular): for large particles
- 2 felt filter (round): for fine particles
- 3 Bacterial filter: to capture particles up to 0.5µ
- Adjustable flow meter
- Refrigeration system
- Autoclavable humidifier
- Tubing for oxygen supply (10 m)
- 2 Y-pieces for tubing; for dividing supply to up to 2 more patients

Technical specifications:

Energy supply and requirement:
- Electrical rating: 220-230V, 50 Hz, 1.7 Amp; 230V, 60 Hz, 1.9 Amp
- Operating voltage range 187-255 V, 50 Hz; 218-253V, 60 Hz
- Power consumption average: 220-230V, 50 Hz = 365 Watts 230V, 60 Hz = 435 Watts

Oxygen delivery:
- O2 delivery rate: 5 litres per minute (LMP)
- Maximum recommended flow: 5 LPM
- Outlet pressure: 8.5 psig (58.6 kPa)
- Oxygen % percentage: 1-5 LPM = 93% ± 3%

Operating altitude:
- 0-1500 m no degradation in performance 1500-3000m = ± 4%
- performance drop at 5 LPM 3000-4000m = not recommended

To be operated in extremely dusty environments

Operating environment range:
- 10° to 35 ° C with humidity range of 30° of > 35 °C - 4%
- Oxygen performance drop at 5 LPM

OSD alarm system by continuous monitoring of O2 concentration by ultrasound: audible alarm will be activated at 75 % O2
- Green light = > O2 concentration = 85%
- Yellow light = > O2 concentration below 75%

Sound level: 50.5 decibel at overall average

Operating system: time cycle/ pressure swing

Pressure relief valve: 44 psig ± 3 psig (303 kPa ± 21 kPa)

Storage Conditions:
- Temperature 40°C to 70 °C
- Humidity range of 10% to 100%, including condensation
- Overall dimensions: 70.5 x 40.6 x 35.6cm

Packaging:
- Unit presentation: 1 oxygen concentrator + 1 service set

To be supplied with:
- 1x Dust foam pre filter (rectangular): large particles (rectangular)
- 2x felt filter (round): for fine particles
- 3x bacterial filters

Other requirements:
- Conform to EN 60601-1+A1+A2 and EN 8359-1996
- The concentrator must pass "military standard" shock, vibration and corrosion tests
1386 OXYMETER, PULSE, with accessories

The pulse oximeter allows the continuous measurement of arterial oxygen saturation (% SpO2) as well as the pulse rate (beats/min). Used in Surgical Emergency Unit, in anaesthesia department or postoperative care as complementary to the oxygen concentrator

Components:
- Pulse oximeter apparatus, chargeable with cable
- Cable, Patient
- Sensor: adult, child, neonatal
- Protecting case

Technical specification:
- Pulse oximeter for continuous use in adults, children and neonates
- Portable
- Audible pulse rate
- Functions on batteries type C; LR14, 1.5V
- Humidity: all combinations humidity/temperature, without condensation
- Altitude: 0-6000 m
- Size: approx. 20 x 8 x 14 cm

To be supplied with:
- 2 Finger probe, adult, reusable.
- 1 Finger probe, child, reusable
- 50 Adhesive tapes for neonates
- 1 Patient cable
- 1 Battery charger, complete
- 1 Protecting case, water resistant
- 4 Batteries, LR14, rechargeable

Packaging: Unit presentation: 1 pulse oximeter with complete accessories: in a well packed protected carton box, including user and maintenance manual + warranty

The following information must appear on the packaging:
- Designation of item, manufacturer Ref Nr + CE with Nr
- Name and address of supplier (manufacturer)

1388 PAPER, STERILIZATION, 75 x 75 cm, non-woven, sheet

For use as inner/outer wrap of sterile goods or use as sterile field
- 60 g / m2
- Colour: blue

Other requirements: complies with international standards EN 868
To be used with: TRAY, INSTRUMENT, GRID, 240 x 250 x 50 mm, stainless steel

1389 PAPER, STERILIZATION, 100 x 100 cm, non-woven, sheet

For use as inner/outer wrap of sterile goods or use as sterile field
- 60 g / m2
- Colour: blue

Other requirements: complies with international standards EN 868
To be used with: TRAY, INSTRUMENT, GRID, 240 x 250 x 50 mm, stainless steel

1392 PENCIL no 2

Wooden pencil with softness no 2

1393 PENCIL SHARPENER 1 hole, conical
1394 **PETRI DISH, double, glass, diam 100mm**

Petri Dish is used to keep preparations in a wet chamber atmosphere or allow the even distribution of culture media

Material: Borosilicate glass

Size:
- Petri bottom glass dish Ø95 mm, H: 20 mm
- Petri cover glass Ø100 mm, H: 14 mm

Autoclavable
Distortion free transparency
Packaging: protective

1396 **PILLOW CASE, white, for pillow 40 x 40 cm**

Cotton 150g/m²
Washable at 90° C

To be used with: PILLOW, 40 x 40 cm

1397 **PILLOW, 40 x 40 cm**

Washable at 60° C
Filled with anti-allergenic material
Vacuum packing to minimize packing size

1398 **PIPETTE CLEANER, with cylinder**

Pipette rinsing system made of two components:
Pipette cleaner container and pipette basket
Material: polypropylene
For pipettes up to 450 mm length

Size:
- Pipette cleaner container bottom diameter 165 mm, height 500 mm
- Pipette basket: bottom diam. 130 mm, height with handle: 650 mm

1399 **PIPETTE FILLER, WITH THUMB-WHEEL LEVER, (Pi-pump), up to 10 ml**

Aspiration and discharge system which is fitted onto a pipette to draw up and dispense a fluid
Suitable up to 10 ml
Aspiration wheel to fill and empty the pipette
Acid and solvent resistant
Not graduated
Autoclavable
Material: plastic
1400 PIPETTE TIP, BLUE, 200-1000 µl

Disposable tip used on an automatic micropipette (200 - 1000 µl) for safe and accurate pipetting of fluids
Material: polypropylene
Non sterile, disposable
Packaging: in 1000 pcs packs
To be used with: MICROPIPETTOR, ADJUSTABLE, 200-1000 µl

1401 PIPETTE TIP, YELLOW, 10-100 µl

Disposable tip used on an automatic micropipette (10 - 100 µl) for safe and accurate pipetting of fluids
Material: polypropylene
Non sterile, disposable
Packaging: in 1000 pcs packs
To be used with: MICROPIPETTOR, ADJUSTABLE, 10-100 µl div. 0.1 µl

1402 PIPETTE, GLASS, GRADUATED, 1 ml in 0.01 ml

Used to measure a fluid
Graduated in 0.01 ml
Zero marked at the top
Re-usable

1403 PIPETTE, GLASS, GRADUATED, 2 ml in 0.01 ml

Used to measure a fluid
Graduated in 0.01 ml
Zero marked at the top
Re-usable
1404 PIPETTE, GLASS, GRADUATED, 5 ml in 0.1 ml

Used to measure a fluid
Zero marked at the top
Re-usable, non-sterile
Packaging: protective bubble foil

1405 PIPETTE, GLASS, GRADUATED, 10 ml in 0.1 ml

Used to measure a fluid
Zero marked at the top
Re-usable, non-sterile
Packaging: protective bubble foil

1406 PIPETTE, WBC COUNT

Bulb pipette with a long stem with a capillary bore and a pointed tip to dilute blood with reagent
The bulb contains a white glass bead inside to homogenize the dilution
Material: glass, white enamel back
3 markings:
- 0.5 mark in the middle of the stem
- 1 mark at the junction between stem and bulb
- 11 mark above the bulb
Possible dilutions: 0.5:10 to 1:20
None sterile, re-usable

1407 PIPETTE, with bulb, plastic, 3 ml

Used to transfer liquid sample (body fluids or solutions) with bulb aspiration
Material: transparent polyethylene
Total capacity 3 ml
Bulb capacity 1.5 ml
Total length around 155 mm
Graduated
Number of drops per ml: 25
Non-sterile, disposable

1412  RACK, DRAINING, FOR GLASSWARE, wire mesh, stainless steel

Used to dry glassware and plastic ware
Material: stainless steel or metal wire coated with polyethylene
About 12 pegs for hanging hollowware with narrow hollow neck and 11 bendings for hanging hollowware with wider hollow neck
For hanging and standing with collecting dish
Feet protected with plastic caps
Size approx 420 x 170 x 300 mm

1413  RACK, ESR RATE

For erythrocyte sedimentation rate
Sarstedt Item No. 90.1090
Rack holds 10 ESR tubes (Sarstedt Item No. 06.1690.001)

1414  RACK, FOR MICROSCOPE SLIDES, Plexiglas, numbered; for 12 slides

Used to dry different preparations on microscope slides
12 slide slots consecutively numbered and with labeling strip
Size:
- Length 120 mm
- Width 90 mm
- Height 50 mm
1415 **RAZOR, disposable**

Instrument with a sharp cutting edge used for shaving hair
Plastic handle, app 8 cm long
Plastic head
Stainless steel blade, with cutting edge on one side, fixed into the head
Non-sterile, disposable
Packaging: carton, no. of units displayed on packaging

1416 **REDON Drainage Set, 400 ml, complete, sterile, disposable**

For close wound drainage under negative pressure post operatively with the option to operate one or two catheters simultaneously
Material: Plastic
With attached tube and needle
Easy discharge of air and contents

![Image of REDON Drainage Set]

1417 **REFRIGERATOR/FREEZER, approx. 130 l, electric, 230V, w/ door lock (keyed)**

Compressor type
Keyed door lock
For ambient temperatures of up to 43° C
Guaranteeing inside temperature range of +6° to -18° C
With corrosion protection, internal light
With freezing compartment
**Other requirements:** Tropical Climate Class ('T'), engineered for tropical climates

1418 **RESCUE CARRYING CLOTH 200x70 cm, 6 handles**

Material: polyester, PVC coated
Waterproof, easily washable
X ray translucent
**Other requirements:** should meet DIN EN 1865

1419 **RESCUE SHEET, silver/gold insulating foil, 210 cm x 160 cm**
1420 RESUSCITATOR, ADULT, incl. 1 valve + 1 mask 5

Used to assist ventilation in case of respiratory distress

Material:
- Bag: inner bag, hanging strap: EPDM rubber; outer cover: chloroprene rubber
- Valve, transparent plastic parts: polysulphone
- Valve, non transparent plastic parts, connector for reservoir: polyacetal
- Valve bellows and membranes: silicone rubber

Like Ambu Mark III
Total dead space: 11 ml
Maximum tidal volume of approx. 1300 ml
Expiration resistance: at 50 L/mn = approx. 0.20 kPa (2.0 cm H2O)
Inspiration resistance: at 50 L/mn = approx. -0.41 kPa (-4.1 cm H2O)
Self inflating bag
Size: length 300 mm, diameter 125 mm
Volume: 380ml, maximum volume for insufflations: 300 ml

Components:
- Outer bag cover with rigid neck section
- Inner bag with outlet connector
- Flanged inlet valve housing with membrane and strap

Can be disinfected with chemicals and sterilised by steam at 134°C / 18 min (prion procedure)

Patient valve:
- Single way valve (non-return valve)
- Transparent, unbreakable easy to dismantle (2 separate parts)
- Non sticking even in very humid conditions

Connector dimensions:
- Inlet connector (inspiration): 24 mm female
- Patient connector: 22/15 mm ISO
- Outlet connector (expiration): 30 mm male

Can be disinfected with chemicals and sterilised by steam at 121°C/134°C

Inlet valve:
- Inlet valve combined air/oxygen, complete with silicone membrane
- O2 inlet nipple for use without O2 reservoir
- Oxygen reservoir bag attachment, volume: approx 1.5 ltr

Operating temperature range: 20°C to 50°C
Total weight: approx 420 g
Storage temperature range: -40°C to 70°C
Packaging: protective wrapping

The name and characteristics of the article must appear on the packaging
RESUSCITATOR, BABY, incl. 1 Paedi valve + 1 mask No OA

Device used for ventilation of new born, neonate, infant and children up to 4 years of age (maximum body weight = 20kg)

Material:
- bag: inner lining: EPDM rubber; outer cover: silicone rubber
- Patient valve housing and connectors: polysulphone
- Inlet valve: polyacetel
- Reservoir tube: polyethylene
- Valve shutters/valve membrane: silicone
- Mask: silicone or rubber

Like Ambu Baby
Expiration resistance: at 15 L/mn = approx. 0.45 kPa (4.5 cm H2O)
   at 5 L/mn = approx. 0.15 kPa (1.5 cm H2O)
Inspiration resistance:
   at 15 L/mn = approx. -0.37 kPa (-3.7 cm H2O)
   at 5 L/mn = approx. -0.05 kPa (-0.5 cm H2O)

Self inflating bag
Size: length 240 mm, diameter 75 mm
Volume: 380 ml, maximum volume for insufflations 300 ml
Support ring outlet (connection to patient valve)
Support ring inlet with ear (connection to inlet valve combined air/oxygen)
Can be disinfected with chemicals and sterilized by steam at 121°C / 134°C

Patient valve (paedi valve):
- Weight: 18 g
- Minimum dead space: 0.8 cm with extremely low resistance
- Transparent, unbreakable, easy to dismantle (5 separate parts)
- Non-sticking even in very humid conditions

Connector dimensions according to BS/ISO:
- Inlet connector (inspiration): 15 mm
- Patient connector: 22/15 mm
- Outlet connector (expiration): 18 mm cylindrical
Can be disinfected with chemicals and sterilized by steam at 121°C / 134°C

Inlet valve combined air/oxygen, complete with silicone membrane and tube connector for oxygen reservoir tube
Reservoir tube oxygen:
- Length: 250 mm
- Volume: 100 ml
Operating temperature range: 20°C to 50°C
Storage temperature range: -40°C to 70°C
Packaging: protective wrapping
The name and characteristics of the article must appear on the packaging. Includes user
and maintenance manual, multilingual
To be supplied with: OA mask
Other requirements: except for valve resistance at adult flow rate
Comply with EN ISO 10651-4:2002

1422 ROD, MIXING, polystyrol

Used to mix a blood drop with a drop of blood grouping reagent
Applicator stick without mixing plate
Non sterile; disposable
Length 120 mm

1423 ROPE, POLYPROPYLENE, diam. 6 mm, twisted

1424 SAFELIGHT, for Blue/Green films, Fluo. lamp, 9 W/220V

For ceiling or wall mounting
15 watt, approx 45 cm fluorescent bulb
Complete with Blue/Green film filter
Bulb can be replaced with any standard 15 watt fluorescent daylight bulb
With pull chain and approx 2 m power cord, European plug
To be supplied with: 2 Starters 5-40W
Spare bulb
1425  SALT, COOKING, pack of 500 g

For preparation of 0.9% NaCl solution

1426  SAW, OSCILLATING, electric, for plaster and plastic

Electric oscillating plaster cutter for cutting bigger plastic bandage
Robust Construction
Small vibration
Oscillating frequency approx. 6500-24000 oscillations / min
Blade size approx 45 mm and 62 mm
Approx. 500 watts
Approx. 5 meter long cable
Overload protected
Maintenance free
Packaging: in case
**To be supplied with:** 2 spare blades

1427  SCALE, BABY, suspended, 0-25 kg x 100 g, incl. 4 trousers (set)

To weigh children. Suitable for PMI, health centre, feeding centre or nutrition survey.
Dial type with two suspension hooks, practical to use, easy to transport, easy to read
Scale 0-25 kg x 100g
Material:
- Reading scale and scale cover: unbreakable polycarbonate or similar material
- Scale body and hooks: stainless steel
- Weighing pants: strong water proof covered nylon
- Carrying bag: strong water proof cover

Horizontal bar may be attached to the hook, enabling big children to suspend themselves from the scale without having to use the weighing pants.

Packaging: in shoulder carrying bag

**To be supplied with:** 4 weighing pants

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**1428 SCALE, BABY, with tray, 0-16 kg x 10 g**

To weigh newborns, small babies in health centers, paediatric ward or maternity

Mechanical baby scale with sliding weights and 2 cursors: one for grams, one for Kg
Hard-wearing: ensured by sturdy steel housing and precise smooth-running sliding
Gently curved weighing tray with good eye-catcher
Capacity: 16 kg
Graduation: 10 g
Dimensions (WxHxD) approx: 550 x 190 x 305mm
Weight: approx 6kg
Material: coated steel

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**1429 SCALE, for adults (bathroom type), mechanic, 0-150kg/0,1kg**

Measuring weight of adults in health and nutritional centers, as well as in hospitals
Heavy duty type of bathroom scale, consisting of a footplate with a scale window
Range: 0 - 150kg
Large easy reading calibrations, graduation scale of 100 grams
Shell of scale approx. 1 mm thick steel with frame
Platform and scale mechanism protected against rust and corrosion, preferably zinc coated
Dimensions (WxHxD): 300 x 105 x 460 mm
Material: plastic and coated steel

**Other requirements:** should conform to ISO standard or other international standard
CE approval class III

1430 SCALE, PRECISION, electronic, 0-400g/0.1 g

Measuring device, used to weigh accurately powders intended for preparation of stains and reagents
Like ‘Kern 442-43N’
Weighing range: up to 400 g
Accuracy: 0.1 g
Material of casing: plastic
Dimension of casing: 145x185x55 mm
Dimension of weighing plate: Ø 120 mm
Storage: protect against dust and humidity
Battery supply: 9V block-battery
12 h operation time
Auto-off; in battery mode after 3 minutes
Weight 1 kg (net 0.5 kg)
**To be supplied with:** 2 x 9V block-battery
Test weight 200g

1431 SCALPEL WITH HANDLE, No 10, disposable

Surgical blade connected with a plastic handle
Material:
- Blade: Martensitic steel (quenched, magnetic steel), hardness 50 to 58 HCR
- Handle: Plastic
Sterile instrument (Gamma rays) /disposable
Shape: No 10
Packaging:
- 1 scalpel packed in an individual sterilised peel-pack made of paper and/or plastic
Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr

**1432 SCALPEL WITH HANDLE, No 11, disposable**

Surgical blade connected with a plastic handle
Material:
- Blade: Martensitic steel (quenched, magnetic steel), hardness 50 to 58 HCR
- Handle: Plastic
Sterile instrument (Gamma rays) /disposable
Shape: No 11
Packaging:
- 1 scalpel packed in an individual sterilised peel-pack made of paper and/or plastic
Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr

**1433 SCALPEL WITH HANDLE, No 20, disposable**

Surgical blade connected with a plastic handle
Material:
- Blade: Martensitic steel (quenched, magnetic steel), hardness 50 to 58 HCR
- Handle: Plastic
Sterile instrument (Gamma rays) /disposable
Shape: No 20
Packaging:
- 1 scalpel packed in an individual sterilised peel-pack made of paper and/or plastic
Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr

**1434 SCISSORS, DRESSING, LISTER, 18 cm**

![Image of scissors]

**1435 SEALING WAX PLATE FOR HAEMATOCRIT CAPILLARIES**

Plastic stand filled with modeling wax used to seal the haematocrit capillaries
The plastic stand is perforated with numbered cells on the sides
One stand can seal several hundred haematocrit capillaries
The numbered cells are designed to hold the sealed tubes up right and to label the samples
Material:
- Stand: plastic
- Sealing paste: non drying vinyl plastic putty
Plastic stand perforated with 24 numbered cells, middle part filled with sealing paste
Storage: sealing compound can be stored at 15 to 30°C for three years
To be use with: TUBE, CAPILLARY, MICRO-HAEMATOCRIT, 75 mm, heparinised

### 1436 SET, AMPUTATION, instruments

Complete set of instruments necessary for amputation of upper or lower limb

1 BOWL, ROUND, 100 ml, 80 x 35 mm, stainless steel
1 CASE, STERILIZING, 300x200x50mm, perforated w/textile filter
1 CURETTE, BONE, VOLKMANN, 22 cm, double-ended, fig. 3 and 5
1 FILE, BONE, 22 cm x 20 mm, flat
1 FORCEPS, BONE CUT., LISTON, 17 cm, standard, straight
1 FORCEPS, BONE CUT., LISTON-STILLE, 27 cm, double action, straight
1 FORCEPS, DRESSING, 14.5 cm, English pattern
8 FORCEPS, HEMOSTATIC, CRILE, 14 cm, curved
4 FORCEPS, HEMOSTATIC, R-OCHSNER, 16 cm/1x2 teeth, straight
2 FORCEPS, SPONGE, FOERSTER, 24cm, serrated jaws, straight
1 FORCEPS, TISSUE, 14.5 cm, 1x2 teeth, English pattern
5 FORCEPS, TOWEL CLAMP, BACKAUS, 13 cm
1 NEEDLE HOLDER, MAYO-HEGAR, 15 cm, standard
1 RASPATORY, FARABEUF, 150x13mm, light curved, sharp
1 RETRACTOR, VOLKMANN, 22 cm, 4 blunt prongs, 10 mm curve
1 RONGEUR, BONE, LUER, 18 cm x 10 mm, heavy pattern
1 SAW GIGLI, HANDLE, pair
6 SAW GIGLI, WIRE, 50 cm
1 SAW, AMPUTATION, SATTERMANN, 29 cm, length of blade: 21 cm
1 SCALPEL, HANDLE, No 4 (for blades 20)
1 SCISSORS, DISSECTING, METZENBAUM, 18 cm, curved
1 SCISSORS, MAYO, 15.5 cm, straight
1 SCISSORS, MAYO, 17 cm, curved
1437 SET, AUTOTRANSFUSION

Components: Funnel, Spoon
Material: Stainless steel
Funnel:
- 10 cm diameter upper part
- Funnel hole 1 cm,
- Reusable, autoclavable
Spoon:
- Takes at least 50 ml
- Reusable, autoclavable
Presentation: Non-sterile, single packed

1438 SET, BASIC BONE SURGERY, complementary, instruments

Minimum instruments required for certain basic operations on bone:
- Spongy bone graft, sequestrectomy etc.
1 CASE, STERILIZING, 325x275x50mm, perforated w/textile filter
1 CURETTE, BONE, VOLKMAN, 22 cm, double-ended, fig. 2 and 4
1 CURETTE, BONE, VOLKMAN, 22 cm, double-ended, fig. 3 and 5
1 FILE, BONE, 22 cm x 20 mm, flat
1 FORCEPS, BONE CUT., LISTON, 17 cm, standard, straight
1 FORCEPS, BONE CUT., LISTON-STILLE, 27 cm, double action, angled
2 FORCEPS, BONE HOLD., VERBRUGGE, 27 cm x 12 mm, dismountable
2 FORCEPS, BONE HOLDING, FERGUSON, 21 cm/4 x 4 teeth
1 GOUGE, STILLE, 20 cm x 15 mm, straight
1 GOUGE, STILLE, 20 cm x 20 mm, straight
1 MALLET, 23 cm x 28 mm, 490 g, solid
1 OSTEO TOME, STILLE, 20 cm x 15 mm, straight
1 OSTEO TOME, STILLE, 20 cm x 20 mm, straight
1 RASPATORY, FARABEUF, 150x13mm, light curved, sharp
2 RETRACTORS, BONE, HOHMANN, 29 cm x 34 mm
1 RETRACTORS, VOLKMAN, 22 cm, 1 sharp prong, 20 mm curve
1 RONGEUR, BONE, BANE, 18 cm x 5 mm, curved
1 RONGEUR, BONE, LUER, 15 cm x 5 mm, strong curve
1 RONGEUR, BONE, LUER, 18 cm x 10 mm, heavy pattern
1 RONGEUR, BONE, STILLE- LUEER, 23 cm x 10 mm, double action
1439  SET, BASIC BONE SURGERY, CURETTES

1 CASE, STERILIZING, 260x150x50mm, perforated w/textile filter
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 0
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 00
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 000
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 0000
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 1
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 2
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 3
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 4
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 5
1 CURETTE, BONE, VOLKMANN, 17 cm, fig. 6

1440  SET, BASIC SURGERY, instruments

1 BOWL, ROUND, 100 ml, 80 x 35 mm, stainless steel
1 CASE, STERILIZING, 325x275x50mm, perforated w/textile filter
1 FORCEPS, DRESSING, 14.5 cm, English pattern
6 FORCEPS, HEMOSTATIC, CRILE, 14 cm, curved
6 FORCEPS, HEMOSTATIC, CRILE, 14 cm, straight
6 FORCEPS, HEMOSTATIC, H-MOSQUITO, 12.5 cm, curved
2 FORCEPS, HEMOSTATIC, KOCHER, 14 cm/1x2 teeth, straight
2 FORCEPS, SPONGE, FOERSTER, 24 cm, serrated jaws, straight
2 FORCEPS, TISSUE, 14.5 cm, 1x2 teeth, English pattern
2 FORCEPS, TISSUE, 14.5 cm, 1x2 teeth, English pattern
6 FORCEPS, TOWEL CLAMP, BACKAUS, 13 cm
1 NEEDLE HOLDER, MAYO-HEGAR, 18 cm, standard
2 RETRACTOR, LANGENBECK, 21 cm, 16 x 28 mm
1 RETRACTOR, SELF-RET., WEITLANER, 16 cm, 3 x 4 blunt prongs
2 RETRACTOR, VOLKMANN, 22 cm, 3 sharp prongs, 10 mm curve
1 SCALPEL, HANDLE, No 3 (for blades 10/11/15)
1 SCALPEL, HANDLE, No 4 (for blades 20)
1 SCISSORS, DISSECTING, METZENBAUM, 14 cm, curved
1 SCISSORS, DISSECTING, METZENBAUM, 18 cm, curved
1 SCISSORS, MAYO, 17 cm, curved
1 SUCTION TUBE, YANKAUER, 28 cm, standard

1441 SET, BONE WIRING & KIRSHNER, 8 sizes + instruments

- Instruments for applying Kirschner and stainless steel cerclage wires, including consumable wires
- 1 CASE, STERILIZING, 300x140x40mm, perforated w/textile filter
- 1 PLIERS, FLAT NOSE, 14 cm, serrated jaws
- 1 PLIERS, FLAT NOSE, 16 cm, serrated jaws, heavy pattern
- 1 PLIERS, WIRE CUTTING, 22 cm, hard wire up to diam. 2.50 mm
- 1 VICE GRIP, 18 cm, self locking
- 1 WIRE PASSER, DEMEL, diam. 45 mm x 28 cm, blunt
- 1 WIRE PASSER, diam 45 mm x 23 cm, curved to left, blunt
- 1 WIRE, CERCLAGE, 1.00 mm x 10 m, stainless steel, coil
- 1 WIRE, CERCLAGE, 1.25 mm x 10 m, stainless steel, coil
- 10 WIRE, KIRSCHNER, 1.00 mm x 150 mm
- 10 WIRE, KIRSCHNER, 1.25 mm x 150 mm
- 10 WIRE, KIRSCHNER, 1.60 mm x 150 mm
- 10 WIRE, KIRSCHNER, 2.00 mm x 150 mm
- 10 WIRE, KIRSCHNER, 2.50 mm x 150 mm
- 10 WIRE, KIRSCHNER, 3.00 mm x 150 mm
- 1 WIRE, TIGHTENER, 23 cm, with handle and 2 pegs
1442 SET, BRUSHES, FOR BOTTLES

Brush set used to clean the different glass tubes and bottles
Material:
- Brush: silk
- Handle: metal
Sizes:
- Ø 18 mm
- Ø 30 mm with woolen tip
- Ø 45 mm

1443 SET, BRUSHES, FOR SMALL TUBES AND PIPETTES

Brush set used to clean the different glass tubes and pipettes
Material:
- Brush: silk
- Handle: metal
Sizes:
- Ø 5 mm
- Ø 10 mm
- Ø 15 mm

1444 SET, BURNS

3 BOWL, SPLASH, 5 l (275x125 mm), stainless.steel, autoclavable

1445 SET, CLOTHES, BABY

Set of baby clothes
Size 56, made of cotton
- Shirt
- Romper suit
- Socks
- Cap
- Jacket
1446 **SET, CONIOTOMY, disposable**

The coniotomy set enables the placement of a Mini-Trach cannula in the trachea utilizing the Seldinger (guide wire) technique. This accurately guides the Mini-Trach cannula through the cricothyroid membrane, minimizing bleeding, avoiding surgical emphysema and misplacement due to misalignment of tissue.

The kit contains all the necessary components to perform a mini-tracheotomy.

**Components:**
- Guarded scalpel allows correct midline incision to be made with minimal risk of damage to the posterior tracheal wall.
- 2 cm 16 G Tuohy needle to puncture the cricothyroid membrane and provide guide wire access to the trachea.
- 10 ml syringe confirms correct placement of the needle by aspiration.
- 50 cm flexible tipped guide wire to establish the cannulation route with minimal tracheal trauma.
- 7 cm curved dilator enlarges the opening in the cricothyroid membrane for the smooth insertion of introducer and cannula.
- Curved introducer aids introduction of the cannula.
- 4mm ID thermo-sensitive blue line cannula.
- Neck tapes for secure fixation of the cannula to the neck.
- 10F suction catheter: low friction endobronchial catheter for initial suctioning following cannulation.

**Packaging:** peel-off sachet, single unit packaging, sterile.

1447 **SET, CRANIOTOMY, complementary, instruments**

Complementary instruments for craniotomy of open head trauma or trepanation of closed trauma.

1 (drill, hand, cranial, Hudson) **DRILL, CUSHING, 14mm, flat**
1 (drill, hand, cranial, Hudson) **PERFORATOR, D ERRICO, 16 mm**
1 (drill, hand, cranial, Hudson) **PERFORATOR, McKENSIE, 13 mm**
1 **CANNULA, TEAR DUCT, RANDOLPH, 15mm, Luer-Lock**
1 **CASE, STERILIZING, 325x275x50mm, perforated w/textile filter**
1 **DISSECTOR, DURA, OLIVECRONA, 18 cm, double ended 4 + 5 mm**
1 **DRILL, HAND, CRANIAL, HUDSON, complete set**
1 **FORCEPS, ADSON, 12 cm, 1x2 teeth**
1 **FORCEPS, ADSON, 12 cm, serrated jaws**
1 **FORCEPS, BONE CUT., LISTON, 17 cm, standard, straight**
8 **FORCEPS, HEMOSTATIC, DANDY, 14 cm, serrated, sideways curved**
4 **FORCEPS, HEMOSTATIC, H-MOSQUITO, 12.5 cm, straight**
4 **FORCEPS, HEMOSTATIC, H-MOSQUITO, 12.5 cm/1x2 teeth, curved**
1 **LEVER, BONE, LANE, 21 cm**
1 **RASPUTARY, FARABEUF, 150x13mm, light curved, sharp**
1 **RETRACTOR, HOOK, SKIN, BARSKY, 15 cm, single prong, sharp**
1 **RONGEUR, BONE, FRIEDMANN, 14 cm x 2.5 mm, curved, delicate**
1 **RONGEUR, LAMINECTOMY, SPURLING-KERRISON, 20cm, jaws 5mm**
1 **SAW GIGLI, GUIDE, DeMARTEL, 33 cm**
1 **SAW GIGLI, HANDLE, pair**
5 **SAW GIGLI, WIRE, 50 cm**
1 **SCISSORS, VASCULAR, POTS-SMITH, 19 cm, 60 degree, angled**
1 **SUCTION TUBE, FRAZIER, CH 12, 12.5 cm, angular**
1448 SET, DENTAL EXTRACTION, instruments

Basic instruments for extraction of teeth
1 CASE, STERILIZING, 260x150x50mm, perforated w/textile filter
1 ELEVATOR, ROOTS, CRYER, # 1, left curved, sharp
1 ELEVATOR, ROOTS, CRYER, # 2, right, curved, sharp
1 ELEVATOR, ROOTS, CRYER, # 3, straight
1 FORCEPS, LEVIS, # 1, upper incisors and bicuspids
1 FORCEPS, LEVIS, # 7, upper premolars
1 FORCEPS, LEVIS, # 13, lower premolars
1 FORCEPS, LEVIS, # 17, upper molars right
1 FORCEPS, LEVIS, # 18, upper molar left
1 FORCEPS, LEVIS, # 22, lower molars
1 FORCEPS, LEVIS, # 33, lower roots
1 FORCEPS, LEVIS, # 51, upper roots
1 FORCEPS, LEVIS, # 73, lower molars
1 FORCEPS, LEVIS, # 74, low roots, incisors, bicuspids
1 FORCEPS, LEVIS, # 76, upper roots
1 FORCEPS, LEVIS, # 113, upper incisors and bicuspids

1449 SET, DISINFECTION, instruments

To be used for disinfection of operation area
1 BOWL, ROUND, 100 ml, 80 x 35 mm, stainless steel
1 FORCEPS, SPONGE, FOERSTER, 24cm, serrated jaws, straight

1450 SET, DRESSING, instruments

Complete basic instruments for change of wound dressing or removal of sutures
1 FORCEPS, DRESSING, 14.5 cm, English pattern
1 FORCEPS, HEMOSTATIC, PEAN, 14 cm, serrated jaws, half way
1 KIDNEY DISH, large, 275x150x45mm, stainless steel
1 SCISSORS, 14.5 cm, sharp-blunt

1451 SET, EAR-NOSE-THROAT, instruments

Basic instruments for simple ear, nose and throat procedures:
diagnostic examination, foreign body removal, packing for haemorrhage and tracheal
dilatation during tracheotomy
1 (catheter, Eustachian, Hartmann)
1 CONNECTOR, olive-shaped
1 CASE, STERILIZING, 230x130x50mm, perforated w/textile filter
1 CATHETER, EUSTACHIAN, HARTMANN, D: 0.25x14cm, curved
1 DILATATOR, TRACHEAL, TROUSSEAU, 14 cm, two-bladed, adult
1 FORCEPS, EAR DRESSING, TILLEY, 14 cm
1 FORCEPS, EAR, HARTMANN, 1x2 teeth, serrated jaws
1 FORCEPS, NASAL DRESSING, GRUENWALD, 16 cm, serrated jaws
1 MOUTH GAG, DOYEN-JANSEN, 10 cm, soft metal coated, child
1 SCISSORS, SEILER, 17 cm, nasal, angled to side
1 SPECULUM, NASAL, 15 cm, large
1 SPECULUM, NASAL, 15 cm, medium
1 SPECULUM, NASAL, 15 cm, small
1 SUCTION TUBE, FRAZIER-FERGUS,, CH6 x 19cm, angled, w/ con.
1452  SET, EMBRYOTOMY, instruments

1 CRANIOLAST, BRAUN, 42 cm
1 HOOK, DECAPITATION, BRAUN, 31 cm
1 SCISSORS, DECAPITATION, DUBOIS, straight, blunt/blunt, 266 mm

1453  SET, EPISIOTOMY, instruments

1 DRAPE, SURGICAL, cotton, 75 x 90 cm, without hole, green
1 FORCEPS, HEMOSTATIC, ROCHESTER-PEAN, 16 cm, straight
1 FORCEPS, TISSUE, STANDARD, 20 cm, 1x2 teeth, straight
1 KIDNEY DISH, medium, 250x140x40mm, stainless steel
1 NEEDLE HOLDER, MAYO-HEGAR, 18 cm, standard
1 SCISSORS, EPISIOTOMY, BRAUN-STADLER, 21 cm, curved
1 SCISSORS, MAYO, 15.5 cm, straight

1454  SET, FINE SURGERY, complementary, instruments

Complete instrument set for delicate surgical procedures (tendon or nerve repair), plastic reconstructive surgery or tracheotomy
1 BOWL, ROUND, 100 ml, 80 x 35 mm, stainless steel
1 CASE, STERILIZING, 300x200x50mm, perforated w/textile filter
1 FORCEPS, ADSON, 12 cm, 1x2 teeth
1 FORCEPS, ADSON, 12 cm, serrated jaws
1 FORCEPS, GILLIES, 15 cm, 1x2 teeth
4 FORCEPS, HEMOSTATIC, CRILE, 14 cm, curved
8 FORCEPS, HEMOSTATIC, H-MOSQUITO, 12.5 cm, curved
8 FORCEPS, HEMOSTATIC, H-MOSQUITO, 12.5 cm, straight
2 FORCEPS, HEMOSTATIC, KOCHER, 14 cm/1x2 teeth, straight
1 FORCEPS, McINDOE, 15 cm, serrated
2 FORCEPS, SPONGE, FOERSTER, 24cm, serrated jaws, straight
2 FORCEPS, TISSUE, ALLIS-BABY, 14 cm / 3x4 teeth
2 FORCEPS, TISSUE, BABCOCK, 16 cm, 9 mm jaws, standard
5 FORCEPS, TOWEL CLAMP, BACKAUS, 13 cm
1 NEEDLE HOLDER, BABY-CRILE-WOOD, 15 cm
1 PROBE, 16 cm/diam. 1.5 mm, round double-ended
1 RETRACTOR, SELF-RET., WEITLANER, 13 cm, 3 x 4 blunt prongs
1 RETRACTOR, SENN-MILLER, 16 cm, double-ended, blunt prong
2 RETRACTOR, VOLKMAN, 22 cm, 3 sharp prongs, 10 mm curve
1 SCALPEL, HANDLE, No 3 (for blades 10/11/15)
1 SCISSORS, DISSECTING, METZENBAUM, 14 cm, curved
1 SCISSORS, MARTEL, 18 cm, curved, blunt
1 SCISSORS, MAYO, 17 cm, curved
1 SUCTION TUBE, FRAZIER, CH 12, 12.5 cm, angular

1455 SET, GASTRIC LAVAGE, instruments

Set composition:
- Funnel, approx 17 cm diameter,
- 4 different tubes, size: approx. CH 28, CH 32, CH 36, CH 40, autoclavable, length 150 cm, to fit on funnel
- measuring mug, 1.5 - 2 litres

1456 SET, GYNAECOLOGY (dilatation & curettage), instruments

Complete instrument set for dilatation and curettage
1 CASE, STERILIZING, 209x290x135mm, perforated w/textile filter
1 CURETTE, UTERINE, RECAMIER, 8 mm wide, rigid, blunt
1 CURETTE, UTERINE, RECAMIER, 8 mm wide, rigid, sharp
1 CURETTE, UTERINE, RECAMIER, 11 mm wide, rigid, blunt
1 CURETTE, UTERINE, RECAMIER, 11 mm wide, rigid, sharp
1 CURETTE, UTERINE, RECAMIER, 14 mm wide, rigid, blunt
1 CURETTE, UTERINE, RECAMIER, 14 mm wide, rigid, sharp
1 CURETTE, UTERINE, RECAMIER, 16 mm wide, rigid, blunt
1 CURETTE, UTERINE, RECAMIER, 20 mm wide, rigid, blunt
1 DILATATOR, UTERINE, HEGAR, double-ended, set of 8 dilators
1 FORCEPS, SEIZING, KELLY, OVARY, 32 cm, 18 mm jaws, curved
2 FORCEPS, SEIZING, POZZI, 25 cm, tenaculum, straight
2 FORCEPS, SPONGE, FOERSTER, 24 cm, serrated jaws, straight
5 FORCEPS, TOWEL CLAMP, BACKAUS, 13 cm
1 KIDNEY DISH, medium, 250x140x40mm, stainless steel
1 SCISSORS, MAYO, 17 cm, curved
1 SOUND, UTERINE, SIMS, 32 cm, rigid
1 SPECULUM, AUWARD, 240 x 75 x 38 mm, vaginal, with weight
1 SPECULUM-RETRACTOR, KALLMORGAN, 70 x 40 mm, vaginal
1 SPECULUM-RETRACTOR, KALLMORGAN, 90 x 40 mm, vaginal

1457 SET, LAPAROTOMY, (+ caesarian), instruments

Complete instrument set for abdominal operations
1 BOWL, ROUND, 100 ml, 80 x 35 mm, stainless steel
1 CASE, STERILIZING, 325x275x75mm, perforated w/textile filter
1 FORCEPS, DRESSING, 14.5 cm, English pattern
1 FORCEPS, DRESSING, STANDARD, 20 cm, straight
10 FORCEPS, HEMOSTATIC, CRILE, 14 cm, curved
1 FORCEPS, HEMOSTATIC, HEISS, 24 cm, curved, right-angle
2 FORCEPS, HEMOSTATIC, R-UCHSNER, 16 cm/1x2 teeth, straight
4 FORCEPS, HEMOSTATIC, ROCHESTER-PEAN, 20 cm, curved
2 FORCEPS, HEMOSTATIC, ROCHESTER-PEAN, 26 cm, curved
2 FORCEPS, HEMOSTATIC, ROCHESTER-PEAN, 26 cm, straight
2 FORCEPS, INTESTINAL, KOCHER, 26 cm, elast. atraum., curved
2 FORCEPS, INTESTINAL, KOCHER, 26 cm, elast. atraum., straight
2 FORCEPS, SPONGE, FOERSTER, 24 cm, serrated jaws, straight
1 FORCEPS, TISSUE, 14.5 cm, 1x2 teeth, English pattern
4 FORCEPS, TISSUE, ALLIS, 15 cm/4x5 teeth, standard
4 FORCEPS, TISSUE, BABCOCK, 16 cm, 9 mm jaws, standard
1 FORCEPS, TISSUE, STANDARD, 20 cm, 1x2 teeth, straight
7 FORCEPS, TOWEL CLAMP, BACKAUS, 13 cm
4 FORCEPS-CLAMP, UTERINE, GREEN-ARMYTAAGE, 22 cm x 13 mm
2 KIDNEY DISH, large, 275x150x45mm, stainless steel
1 NEEDLE HOLDER, MAYO-HEGAR, 15 cm, standard
1 NEEDLE HOLDER, MAYO-HEGAR, 18 cm, standard
1 NEEDLE HOLDER, MAYO-HEGAR, 23 cm, standard
1 RETRACTOR, ABDOMINAL, BALFOUR, standard, complete
1 RETRACTOR, FRISCH, 25.5 cm, 75 x 45 mm
2 RETRACTOR, ROUX, complete set (sizes 1, 2, 3)
1 RETRACTOR/SPATULA, DAEVER, 30cm x 38mm, flexible
1 SCALPEL, HANDLE, No 3 (for blades 10/11/15)
1 SCALPEL, HANDLE, No 4 (for blades 20)
1 SCISSORS, DISSECTING, METZENBAUM, 14 cm, curved
1 SCISSORS, DISSECTING, METZENBAUM, 20 cm, curved
1 SCISSORS, MAYO, 17 cm, curved
1 SUCTION TUBE, POOLE, 22 cm/diam. 8 mm, curved

1458 SET, OMPHALOTOMY, instruments
Instruments set for cutting the umbilical cord
2 FORCEPS, HEMOSTATIC, KOCHER, 14 cm/1x2 teeth, straight
1 SCISSORS, MAYO, 15.5 cm, straight

1459 SET, PLASTER CASTS REMOVAL, instruments
Manual instruments for removal of Plaster of Paris casts
1 BREAKER, PLASTER CAST, WOLFF-BOEHLER, 18 cm
1 KNIFE, PLASTER, ESMACH, 18 cm
1 SCISSORS, PLASTER SHEARS, BRUNS, 24cm
1 SCISSORS, PLASTER SHEARS, STILLE, 37 cm, reinforced blade
1 SPREADER, PLASTER, HENNIG, 27 cm
1460 SET, SKELETAL TRACTION, instruments + 10 bows

Instruments and material for applying skeletal traction:
7 tibial + 3 olecranon or calcaneal
Manual application of Steinmann pins
1 BIT, DRILL, 3.2 mm, Jacobs chuck, 180/165 mm
7 BOW, EXTENSION, BOEHLER, 11 x 21 cm
3 BOW, EXTENSION, BOEHLER, 9 x 16 cm
1 CHUCK, UNIVERSAL (3-jaw) with T-handle + locking device
3 NAIL, EXTENSION, STEINMANN, 150 x 4 mm, trocar point
7 NAIL, EXTENSION, STEINMANN, 210 x 4 mm, trocar point
2 ROPE, TRACTION, 3mm x 15m, bow, extension, Boehler

1461 SET, SKIN GRAFT, instruments

Complementary set for split skin grafting.
5 (dermatome Humby), BLADE
2 (dermatome Schink) PLATE, for skin holding
1 BOARD, 20 x 15 cm hard wood or synthetic material, sterilizable
1 BOWL, ROUND, 100 ml, 80 x 35 mm, stainless steel
1 CASE, STERILIZING, 300x200x50mm, perforated w/textile filter
1 DERMATOME, HUMBY
1 FORCEPS, DRESSING, 14.5 cm, English pattern
5 FORCEPS, TOWEL CLAMP, BACKAUS, 13 cm
1 SCISSORS, DISSECTING, METZENBAUM, 14 cm, curved
1462 SET, STERILE OBJECT HANDLING, instruments
1 FORCEPS, STERILIZING, CHEATLE, 27 cm
1 JAR FOR FORCEPS, 75 x 175 mm, without lid, stainless steel

1463 SET, SURGICAL NEEDLES
Set of most common used spring eye needles
Reusable
300-series
Stainless steel
Unsterile
Packaging: in stainless steel needle case (round or square)

1464 SET, THORACOTOMY, complementary, instruments
Complementary instruments for chest operations
1 CASE, STERILIZING, 580x280x100mm, perforated w/textile filter
1 CONTRACTOR, RIB, BAILEY, 17cm
1 CUTTER, STERNUM, SCHUHMACHER, 22cm
2 FORCEPS, TISSUE, DUVAL, 23cm, atraum., triangular
1 RASPATORY, FARABEUF, 150x13mm, light curved, sharp
1 RASPATORY, RIB, DOYEN, 17cm, left
1 RASPATORY, RIB, DOYEN, 17cm, right
1 RETRACTORS, LUNG, ALLISON, 270x40mm
1 SHEAR, RIB, GIERTZ, 25cm
1 SPREADER, RIB, FINOCCHIETTO, medium, blade, 65x45mm

1465 SET, URETHRAL SOUNDS, instruments
Complete set for dilatation of urethral stenosis
1 BOWL, ROUND, 100 ml, 80 x 35 mm, stainless steel
1 CASE, STERILIZING, 325x275x50mm, perforated w/textile filter
1 SOUND, URETHRAL, CH 07, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 08, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 09, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 10, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 11, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 12, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 13, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 14, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 15, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 16, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, CH 17, pvc, 37cm, olive tip, red, straight
1 SOUND, URETHRAL, DITTEL, CH 06, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 08, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 10, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 12, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 14, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 16, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 18, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 20, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 22, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 24, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 26, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 28, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 30, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 32, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 34, 35 cm, curved
1 SOUND, URETHRAL, DITTEL, CH 36, 35 cm, curved

1466 SET, WOUND EXCISION, instruments

Complete instrument set for wound excision (débridement) or other basic but major procedures, such as tracheotomy
Can be used as complementary basic set together with specialized instrument sets for more specific surgery:
bone surgery and wiring, craniotomy, ENT procedures, external fixation, skeletal traction, vascular procedures

1 BOWL, ROUND, 100 ml, 80 x 35 mm, stainless steel
1 CASE, STERILIZING, 300x200x50mm, perforated w/textile filter
1 CURETTE, BONE, VOLKMANN, 22 cm, double-ended, fig. 3 and 5
1 FORCEPS, DRESSING, 14.5 cm, English pattern
8 FORCEPS, HEMOSTATIC, CRILE, 14 cm, curved
3 FORCEPS, HEMOSTATIC, R-OCHSNER, 16 cm/1x2 teeth, straight
2 FORCEPS, SPONGE, FOERSTER, 24 cm, serrated jaws, straight
1 FORCEPS, TISSUE, 14.5 cm, 1x2 teeth, English pattern
2 FORCEPS, TISSUE, ALLIS, 15 cm/4x5 teeth, standard
5 FORCEPS, TOWEL CLAMP, BACKAUS, 13 cm
1 KIDNEY DISH, large, 275x150x45mm, stainless steel
1 NEEDLE HOLDER, MAYO-HEGAR, 15 cm, standard
1 NEEDLE HOLDER, MAYO-HEGAR, 18 cm, standard
2 RETRACTO, LANGENBECK, 21 cm, 13 x 42 mm
1 RETRACTO, SELF-RET., WEITLANER, 16 cm, 3 x 4 blunt prongs
1 RONGEUR, BONE, LUER, 18 cm x 10 mm, heavy pattern
1 SCALPEL, HANDLE, No 4 (for blades 20)
1 SCISSORS, DISSECTING, METZENBAUM, 14 cm, curved
1 SCISSORS, DISSECTING, METZENBAUM, 18 cm, curved
1 SCISSORS, MAYO, 17 cm, curved

1468 SHEET, COTTON, sterile wrapping, 75 x 75 cm

Material: 100% cotton or 50% cotton and 50% polyester
Reusable woven fabrics
Designation: 100% cotton cretonne fabric
- Number of threads/cm: warp: 24, weft: 24
- Metric count: warp: 28, weft: 28
- Weight per m²: 180 g
Polyester/ cotton:
Designation: Woven cotton 50% cotton / 50% polyester fabric, heat set
- Number of threads/cm: warp: 24, weft: 22
- Metric count: warp: 28, weft: 28
- Weight per m²: 175g
Both woven fabric material are suitable for normal washing, withstand boiling & autoclaving and are resistant to chlorine 5%
Colour: green
4 hemmed borders
Non-sterile multiple use
Packaging: protected in a plastic bag, single or multiple unit
Other requirements: meets G1 DIN 61621

1469 SHEET, COTTON, sterile wrapping, 100 x 100 cm

Material: 100% cotton or 50% cotton and 50% polyester
Reusable woven fabrics
Designation: 100% cotton cretonne fabric
- Number of threads/cm: warp: 24, weft: 24
- Metric count: warp: 28, weft: 28
- Weight per m²: 180 g
Polyester/ cotton:
Designation: Woven cotton 50% cotton / 50% polyester fabric, heat set
- Number of threads/cm: warp: 24, weft: 22
- Metric count: warp: 28, weft: 28
- Weight per m2: 175g

Both woven fabric material are suitable for normal washing, withstand boiling & autoclaving and are resistant to chlorine 5%

Colour: green
4 hemmed borders
Non-sterile multiple use
Packaging: protected in a plastic bag, single or multiple unit

Other requirements: meets G1 DIN 61621

1470 SHEET, COTTON, sterile wrapping, 120 x 120 cm

Material: 100% cotton or 50% cotton and 50% polyester
Reusable woven fabrics
Designation: 100% cotton cretonne fabric
- Number of threads/cm: warp: 24, weft: 24
- Metric count: warp: 28, weft: 28
- Weight per m2: 180 g

Polyester/ cotton:
Designation: Woven cotton 50% cotton / 50% polyester fabric, heat set
- Number of threads/cm: warp: 24, weft: 22
- Metric count: warp: 28, weft: 28
- Weight per m2: 175g

Both woven fabric material are suitable for normal washing, withstand boiling & autoclaving and are resistant to chlorine 5%

Colour: green
4 hemmed borders
Non-sterile multiple use
Packaging: protected in a plastic bag, single or multiple unit

Other requirements: meets G1 DIN 61621

1471 SHEET, PE, 150 micron, roll of 50m, 60 cm width

Used for covering OT table
Material: PE transparent
Designed for heavy duty
Unsterile

1472 SHELF, plastic, approx 90 x 50 x 180 cm

knock-down construction
lightweight
4-5 shelves, held by 4 plastic poles
1473  **SHOE, CLOG, surg., antistatic, wash. 85C, pair, size 8 (38)**

Intended for people working in areas where the infectious risk is high
Used to limit the risk of infection related to splashes of infectious substances on the feet and
to avoid soiling the floor with shoes worn outside
Material: water proof, antistatic polyurethane
- Rapid drying
- One piece moulded
- Non-perforated
- Light, flexible, stable, non-slipping (even on humid floor), un-deformable, silent
- Fits good at the foot, with or without back-strap
- Can be washed and disinfected

Non sterile, multiple use

1474  **SHOE, CLOG, surg., antistatic, wash. 85C, pair, size 9 (40)**

Intended for people working in areas where the infectious risk is high
Used to limit the risk of infection related to splashes of infectious substances on the feet and
to avoid soiling the floor with shoes worn outside
Material: water proof, antistatic polyurethane
- Rapid drying
- One piece moulded
- Non-perforated
- Light, flexible, stable, non-slipping (even on humid floor), un-deformable, silent
- Fits good at the foot, with or without back-strap
- Can be washed and disinfected

Non sterile, multiple use
1475  **SHOE, CLOG, surg., antistatic, wash. 85C, pair, size 11 (44)**

   Intended for people working in areas where the infectious risk is high
   Used to limit the risk of infection related to splashes of infectious substances on the feet and
   to avoid soiling the floor with shoes worn outside
   Material: waterproof, antistatic polyurethane
   - Rapid drying
   - One piece moulded
   - Non-perforated
   - Light, flexible, stable, non-slipping (even on humid floor), un-deformable, silent
   - Fits good at the foot, with or without back-strap
   - Can be washed and disinfected
   Non sterile, multiple use

1476  **SLIDE BOX, for 100 slides**

   Slide box designed for safe storage and transport of slides
   Capacity: 100 slides measuring 76 x 26 mm
   Lock numbered slots with index sheets
   Material: plastic
   To be used with:  SLIDE, 76 x 26 mm, for microscopy
                     SLIDE, 76 x 26 mm, for microscopy with frosted ends

1477  **SLIDE, 76 x 26 mm, for microscopy**

   Glass slide to analyse stained preparations of different specimen (blood slides for malaria)
   Washed, with any grease removed
   No frosted ends
   Washable and re-usable
   Packaging: protective
   To be used with:  SLIDE BOX, for 100 slides
1478 **SLIDE, 76 x 26 mm, for microscopy with frosted ends**

Glass slide to analyse stained preparations of different specimen (blood slides for malaria)
Washed, with any grease removed
Frosted ends
Washable and re-usable
Packaging: protective
**To be used with:** SLIDE BOX, for 100 slides

1479 **SLIPPERS, bathroom type, plastic, pair, size 40**

1480 **SOAP DISPENSER, 1000 ml, incl. support for tent pole**

Soap dispenser designed to hold 1000 ml soap bottles
Material: Strong plastic or stainless steel
The dispenser should have a fixing system for the tent pole
**To be supplied with:** empty 1000 ml plastic bottle for refill

1481 **SOAP, body soap, 100g, piece**

Toilet soap in bar, not harmful for the skin, from vegetable or animal (non-pork) fat
Product must be fit for human utilisation and be of sound, fair and marketable quality
Homogeneous colour and aspect
Without any disagreeable odours and flavours
Fatty acid: minimum 70 %
Moisture: maximum 20 % at time of packing
NaOH content: maximum 0.2 %
NaCl content: maximum 0.5 %

1482 **SOAP, LIQUID, 500 ml, in dispenser**

Product must be fit for human utilisation and be of sound, fair and marketable quality
None skin-irritating effect
Packing: Polyethylene bottle of 500 ml net, push-down dispenser in screw cap
No leakage under the pressure of two stacked pallets

1483  **SODIUM METABISULFITE, powder, 100 g, bottle**

Sodium metabisulfite powder is used to prepare the aqueous sodium disulfite solution (to reduce the oxygen from the wet preparation of the sickle cell test)

Dangerous goods:
- Symbol: GHS05, GHS07
- Hazard statements: H302-H318
- Precautionary statements: P280-P305 + P351 + P338
- Supplemental hazard statements: EUH031
- Personal Protective Equipment: dust mask type N95 (US), eye shields, gloves
- Hazard code: Xn
- Risk statements: 22-31-41
- Safety statements: 26-39-46

Storage: protect from humidity

Packing: 100 g plastic bottle with DG labeling (according to IATA regulations)

**Other requirements**: meets analytical specification of Ph. Eur., BP, NF, FCC, E223

1484  **SPATULA, WEIGHING, stainless steel, L 120 mm**

Instrument with one spoon-shaped end and one spatula-shaped end to handle powders to be weighed

Material: stainless steel

Length: 120 mm

1485  **SPECIMEN CUP, 30 ml, plastic, with spoon cover, for stool**

Transparent container (22 x 62 mm) with screw spoon stopper used for stool samples

Material: Polystyrene crystal

Non sterile, non graduated, disposable

1486  **SPECIMEN CUP, 125 ml, plastic, with cover, for sputum**

Container with hermetic screw cap used for sputum samples

Material: Polypropylene

Non sterile, graduated, disposable
1487  SPECULUM, CUSCO, 100 x 25-27 mm, vaginal, medium, cone shape

1488  SPECULUM, CUSCO, 100 x 27-30 mm, vaginal, large, cone shape

1489  SPECULUM-RETRACTOR, KALLMORGEN, 70 x 40 mm, vaginal
1490 SPECULUM-RETRACTOR, KALLMORGH, 90 x 40 mm, vaginal

1491 SPHYGMOMANOMETER, ANEROID, adult with 1 cuff 14x54.5 cm

Instrument used to measure indirect arterial blood pressure, composed of an aneroid pressure gauge connected to an inflatable cuff wrapped around the arm and secured by Velcro tape
Adult, palm style, sphygmomanometer with one tube
Aneroid pressure gauge with air pressure-release valve
Diameter: 63 mm
Linear scale graduated from 0-300 mmHg, easy-to-read
Maximum error throughout range ± 3 mmHg
Diaphragm membrane: can withstand overpressures of up to 600 mmHg
Material: Hardened copper-beryllium
Handle : stainless steel
Tube connector and valve: nickel plated
Rubber bulb with palm handle
Mounted with a one-way valve to prevent inadvertent leak of pressure while there is an adjustable screw valve for the operator to allow the pressure in the system to drop in a controlled manner
Washable at 30°C
Made of non-deformable material with Velcro fastening so to enable tight adjustment around the arm
Cuff size: Length 54.5 cm; width 14 cm
Inside the cuff is an inflatable bladder which has to be air-tight
Size: 22 cm x 10 cm
Connecting tube in rubber
Packaging: in a vinyl or leatherette zipper case

Other requirements: conform to EN 1060-1 -1A -2002; EN 1060-2-1995

1492  SPHYGMOMANOMETER, ANEROID, baby/child w/3 cuffs 5 /7/10cm

Instrument used to measure indirect arterial blood pressure, composed of an aneroid pressure gauge connected to an inflatable cuff, wrapped around the arm and secured by Velcro tape. Specifications

Baby/child, palm style, sphygmomanometer with one tube
Aneroid pressure gauge with air pressure-release valve, diameter: 49 mm
Linear scale graduated from 0-300 mmHg, easy-to-read
Maximum error throughout range ± 3 mmHg
Diaphragm membrane: can withstand overpressures of up to 600 mmHg
Material: Hardened copper-beryllium
Handle in stainless steel
Tube connector and valve: nickel plated
Rubber bulb with palm handle
Mounted with a one-way valve to prevent inadvertent leak of pressure while there is an adjustable screw valve for the operator to allow the pressure in the system to drop in a controlled manner
Cuff sizes:
- New born Length 15.5 cm, width 5 cm
- Baby/infant Length 23 cm, width 7.2 cm
- Child Length 35.5 cm, width 10 cm
Cuffs should be interchangeable
Washable at 30°C
Made of non-deformable material with Velcro fastening so to enable tight adjustment around the arm
Inside the cuff is an inflatable rubber bladder which has to be air-tight
Connecting tube in rubber.
Packaging: in a vinyl or leatherette zipper case
**Other requirements:** conform to EN 1060-1 -1A -2002; EN 1060-2-1995

### 1493 SPIRIT LAMP, 100ml, glass

The spirit lamp is used to fix smear over a flame
Material: glass or stainless steel
Flat conical form with ground cap, with wick and socket
Capacity 100 ml
Height 100 mm
Ø bottom: 75 mm
Packaging: protective

### 1494 SPLINT, BOHLER-BRAUN, 40 - 60 cm, size 1, foldable

Enabling traction by weights and pulleys, to immobilize a broken tibia or femur, to support an injured leg in the correct position
Components:
- Adjustable splint made up of metal tubes that slide into one another
- Two pulleys, one horizontal and one vertical
Material: stainless steel, plastic coated
Adjustable splint that can be dismantled into its component parts
Indicative dimensions:
Splint open:
- length: 40-60 cm (adjustable to need)
- width: 38 cm
- height: 55 cm

Splint folded:
- 42 cm x 38 cm x 5 cm
- Weight: 2.5 kg

Supplied with assembly diagram
Packaging: dismantled/folded
The following information must appear on the packaging:
- designation of item
- name and address of supplier (manufacturer)

**To be supplied with:** assembly diagram

**Other requirements:** should conform to ISO standard

### 1495 SPLINT, BOHLER-BRAUN, 60 - 80 cm, size 2, foldable

Enabling traction by weights and pulleys, to immobilize a broken tibia or femur, to support an injured leg in the correct position

**Components:**
- Adjustable splint made up of metal tubes that slide into one another
- Two pulleys, one horizontal and one vertical

**Material:** stainless steel, plastic coated

Adjustable splint that can be dismantled into its component parts

**Indicative dimensions:**

Splint open:
- length: 60-80 cm (adjustable to need)
- width: 38 cm
- height: 55 cm

Splint folded:
- 62 cm x 38 cm x 5 cm
- Weight: 3.4 kg

Supplied with assembly diagram
Packaging: dismantled/folded
The following information must appear on the packaging:
- designation of item
- name and address of supplier (manufacturer)

**To be supplied with:** assembly diagram

**Other requirements:** should conform to ISO standard

### 1496 SPLINT, FINGER, aluminium, 25 mm x 5 m

### 1497 SPLINT, KRAMER, 10 cm x 100 cm
Foldable metal lattice used for temporarily immobilizing a limb
Material: Epoxy-coated steel
Small lattice with cross-wires spaced 2 cm apart, the proximal end having rounded corners
Malleable to the desired angle
Dimensions:
- Width: 10 cm
- Length: 100 cm
Other requirements: should conform to ISO standard

1498 SPLINT, KRAMER, 15 cm x 100 cm
Foldable metal lattice used for temporarily immobilizing a limb
Material: Epoxy-coated steel
Small lattice with cross-wires spaced 2 cm apart, the proximal end having rounded corners
Malleable to the desired angle
Dimensions:
- Width: 15 cm
- Length: 100 cm
Other requirements: should conform to ISO standard

1499 STAINING BLOCK, BLACK GLASS WITH HALF ROUND CAVITY & COVER 40 x 40 mm
Used to keep the Turk solution to dilute the blood for WBC count or to keep Pandy reagent to measure protein of CSF
Pressed glass with half round cavity Ø 32 mm with cover plate 40 x 40 mm
Packaging: protective packaging

1500 STAINING BLOCK, CLEAR GLASS WITH HALF ROUND CAVITY & COVER 40 x 40 mm
Used to keep the Turk solution to dilute the blood for WBC count or to keep Pandy reagent to measure protein of CSF
Pressed glass with half round cavity Ø 32 mm with cover plate 40 x 40 mm
Packaging: protective packaging

1501 STAINING DISH, glass

This instrument dish glass can be used as staining glass bowl
Like ‘Assistent Nr 2900’
A staining frame can be fixed on the glass dish
Outside measurements: 220 mm x 150 mm x 55 mm (L x W x D)
Weight: 1.22 kg
To be used with: STAINING FRAME, extendable

1502 STAINING FRAME, extendable

Like ‘Assistent Nr1198’
Material: stainless steel
The slides on it can lay straight or angular
Staining frame is moveable
Fixable on a glass instrument dish (220 mm x 150 mm x 55 mm)
Weight: 250 g
Minimal dimension: 160 mm x 70 mm x 130 mm (L x W x D)
Max. length: 270 mm
To be used with: STAINING DISH, glass

1503 STAINING TROUGH RACK, with handle, for 10 slides
Staining trough with cover is used to stain slides
Material: stainless steel
For 10 slides
With handle
To be used with: STAINING TROUGH, with cover, glass

1504 STAINING TROUGH, with cover, glass
Staining trough with cover is used to stain slides
Size (outside measurements):
- Length 96 mm
- Width: 72 mm
- Depth: 60 mm
To be used with: STAINING TROUGH RACK, with handle for 10 slides

1505 STAND, for cross-matching tubes, hole diam. 12 mm
Rack which holds several cross matching tubes
Material: plastic
Dismantable
Autoclavable
To be used with: TUBE FOR CROSS-MATCH, GLASS, 12 x 75 mm, 4 ml

1506 STAND, FOR LOOP HOLDER
Stand for handles with wire loop
Material: wood

To be used with: LOOP HOLDER, Kolle (240 mm) aluminium

1507 STAND, for pipettes

Stand which holds pipettes in a vertical position
Material: plastic

1508 STAND, for test tubes diam. 16 mm, plastic

Rack to hold several test tubes in a vertical position
Capacity min 48 tubes
Dismantable
Autoclavable
To be used with: TEST TUBE, for Benedict test glass, 160x16mm round bottom rimless

1509 STAND, INFUSIONS, knock-down construction

Height: adjustable to 1200-2200 mm
Wide stance base with castors
Double hook rod includes positive stop to avoid disengagement
Material:
- Base rod and locking device: iron with epoxy finish
- Double hook and rod: stainless steel

1510 STERILIZER STEAM PENETRATION TEST, Bowie and Dick

Steam penetration test for sterilization by steam
Disposable
Other requirements: meets EN 867-4

1511 **STETHOSCOPE, duplex, adult, (dual-head chestpiece)**

For auscultation (chest, abdomen, blood pressure, etc)
Binaural stethoscope (for adult and paediatric use) with pivoting double chest piece
Sensitivity:
- 3.2 dB in a range from 50 to 500 Hz for cardiology
- 8.1 dB in a range from 600 Hz to 1,500 Hz for pneumology
Overall length +/- 77 cm
Pivoting chest piece with two cups:
One side is flat/large and the other is conically-shaped (bell) / small
Size:
- Adult approx 43 mm
- Paediatric approx 28 mm
Material: aluminium or stainless steel or chrome plated brass
All-frequency diaphragms in high-resolution epoxy glass
Y tube with large diameter: 10 mm
Material treated rubber (vinyl)
Arms with spring treated to give constant springiness and maximum reliability and comfort.
Material: stainless steel
Screw-on changeable earpieces. Material: plastic
Packaging: in a box
**To be supplied with:** 1 spare diaphragm, (large and small)
1 pair of spare earpieces

1512 **STETHOSCOPE, duplex, neonatal, (dual-head chestpiece)**

For auscultation (chest, abdomen, blood pressure, etc)
Binaural stethoscope, neonatal, with pivoting double chest piece
Sensitivity:
- 20 Hz - 100 Hz max. 1.2 dB at 55Hz
- 100 Hz - 1,500 Hz max. 8.5 dB at 300 Hz
Overall length +/- 76 cm
Pivoting chest piece with two cups:
One side is flat/large and the other is conically-shaped (bell) / small
Size: Flat approx 28 mm / bell approx 21 mm
Material: aluminium or stainless steel or chrome plated brass
All-frequency diaphragms in high-resolution epoxy glass
Y tube with large diameter: 10 mm
Material: treated rubber (vinyl)
Arms with spring treated to give constant springiness and maximum reliability and comfort.
Material: stainless steel
Screw-on changeable earpieces
Material: plastic
Packaging: in a box

To be supplied with: 1 spare diaphragm, (large and small)
1 pair of spare earpieces

**1513** **STETHOSCOPE, fetal, Pinard**

Instrument for listening to foetal heart
Overall length +/- 15 cm
Instrument may be in either single or two pieces, with a foot that unscrews
Material: aluminium, plastic or wood

![Stethoscope, fetal, Pinard](image)

**1514** **STETHOSCOPE, one cup**

For the measurement of arterial blood pressure with sphygmomanometer
Binaural stethoscope, with single chest piece
Sensitivity:
- 3.8 dB in a range of 50 to 500 Hz
- 100 Hz - 1,500 Hz max. 8.5 dB at 300 Hz
Overall length: +/- 76 cm
Material:
- Housing: aluminium alloy
- High resolution diaphragm: epoxy glass
- Y tube: treated rubber (vinyl)
- Arms: stainless steel
- Earpieces: plastic

Single chest piece:
- With diaphragm and ring
- One side is flat/large and the other is conically-shaped (bell) /small
- Size: approx 43 mm

Y tube impervious to outside noises, with large diameter (10 mm)
Arms with spring treated to give constant springiness and maximum reliability and comfort
Screw-on changeable earpieces
Packaging: in plastic or cardboard box
1516 STOOL, FOR O.T., with castors, h. 44-64 cm, stainless steel

Stainless steel base
Plywood seat with 30 mm padded conductive cushion
Rotates 360 degrees
Height adjustable approx from 400 to 650 mm
On 5 anti-static swivel castors
Knock down construction

1517 STOPPER, diameter 16 mm, for tubes

Used to close tubes
Material: polyethylene
With lamellae
To be used with: TUBE, glass, 100 x 16 mm, round bottom

1518 STOVE, electrical plate 18cm, 1500W, 230V, table top

Material:
- Housing in stainless steel or high quality enameled steel
- Hot plate in cast iron
Approx. 180 mm diameter
Sturdy construction, solid top, easy to clean
Maximum surface temperature 500°C
With regulator switch and indicator light
Cable: length (2 m) with European plug (with earth connection)
Power 1.5 kW, 240 V, 50Hz
1519  **STRETCHER Undercarriage, large wheels**

Undercarriage with big wheels (diameter approx 60 cm)
Height: approx 90 cm

**To be used with:** STRETCHER, foldable in width and length

1520  **STRETCHER, foldable in width and length**

Stretcher with feet, can be placed on the floor, extractable handles

**Material:**
- Frame tube / feet: anti-corrosive and anodised aluminium
- Stretcher cover: tarpaulin material, X-Ray translucent

Overall dimension: approx 220 x 570 x 15 cm
Patient area approx 190 cm long

Overall dimension folded up: approx. 192 x 15 x 15 cm (carry handle pushed in)

Weight approx: 8 kg
Frame: Seamless aluminium structure made of tube (pole) square of round; diameter approx. 30 x 1.5 mm with non-slip and insulated carrying handles
Stretcher covers: washable, disinfectable fabric, no absorption of moisture, decay resistant, easy to maintain
4 feet; with possibility to attach detachable supports
Carrying capacity up to approx 150 kg
Packaging: Individually packed, in knockdown version, assembling instruction included

The following information must appear on the packaging:
- designation of item, CE marking name and address of supplier (manufacturer)

**Other requirements:**
Manufactured in accordance with ISO EN 13024
Resistant to corrosion (suitable for tropical environment) and decontamination (chlorine solution)
Resistant waterproof, washable, flame retardant
1521 STRETCHER, stand, foldable

To be used with: STRETCHER, foldable in width and length according to DIN 13024

1522 SUCTION UNIT, electric, 1 bottle, 1 ltr, autoclavable

This suction unit is foreseen to be used in anaesthesia or intensive care
Components:
1 Suction unit
1 Collector bottle with cover
1 Tube
1 Bacterial filter
Suction unit:
- Vacuum capacity: approx 20 L/min
- Maximum vacuum: 75 kPa / 600 mmHg
Collector bottle:
- 1-2 litre, autoclavable
- Bottle with overflow security switch.
- Cover for collector bottle with overflow and connector to patient with tranconical form diam. 6 x 10 mm
Tube:
- Silicone, diam. 12 x 7 mm, 25 cm long with connector straight and curved
Bacterial filter:
- Dimensions approx: 38 x 17 x 28.5 cm
- Weight: approx 3.5 kg
Other requirements: conform to EN ISO 60601-1, EN60601-1-2, EN 10079-1 and EN 7779 for noise
To be supplied with: Spare parts:
1 Bottle, 1 litre, autoclavable
3 Bacterial filter
1523 **SUCTION UNIT, electric, permanent suction mode for thoracic drainage**

When using a suction machine for thoracic drainage, the maximum vacuum recommended is 5 kPa
Vacuum regulator with safety lock-function
Max flow: 8 l/min
Vacuum range: up to 9 kPa / 68 mmHg
Battery powered
Other requirements: ISO 9001
ISO 13485
CE (93/42/EEC) Class II a

1524 **SUCTION UNIT, foot operated, 600 ml**

The suction pump is used for pharyngeal or tracheal aspiration in emergency situations
Like Ambu® Twin Pump
Double acting piston pump with high suction performance due to combination of large air
flow and high vacuum
Seesaw movement of the pedal operates the pump, can be operated either by foot or hand
Made of high strength long life materials, corrosion and rustproof
All parts are autoclavable at 121°C
Maximum free air flow: approx. 70 litres/min
Maximum vacuum: approx. -800 mbar (-80 kPa / 600 mmHg)
Materials:
- Seals, O-rings and valve diaphragms: silicone rubber
- Piston rings: Teflon
- Container with 600 ml fluid capacity: transparent plastic (polycarbonate)
- Suction tube 135 cm, diameter 10 mm, silicone rubber, with a combination suction tip and angled connector
Operating temperature range: -20°C to +50°C
Storage conditions: temperature: -40°C to +70°C

1525 SUCTION UNIT, surgical, electric, 2 bottles 5 ltr, complete

Compact electrical surgical suction unit, on trolley with two 5 litre collection jars/bottles and overflow security system
Components:
1 Suction pump
2 Collection jars
1 Bacterial filter
1 Suction tube
1 Trolley
Suction pump:
- Suction capacity 40 +/-4 L/min
- Maximum vacuum up to -91 kPa (-910 mbar / 735 mmHg), with adjustable vacuum control
Operation conditions:
- Operation time 24 hours (8 hours of continuous operation without interruption)
- Temperature +5°C to + 35°C /humidity: 20 up to 80% /non-condensing air pressure 70 kPa to 106kPa
Collection jars/bottle:
- 5l with 100ml scale graduation
- Material polysulphone, autoclavable up to 136°C, 3 bar, maximum 20 min
Bacterial filter:
- Hydrophobic, disposable, should be replaced once a day
Suction tube:
- Size: Inner diameter 6 mm; length 2 m
- Material: silicone, autoclavable
- Trolley:
- 4 castors: diameter: 75 mm, pedestal open fork
- Easy to clean
Easy control vacuum meter
Turning knob for vacuum adjustment
Other requirements: conform to EN ISO 60601-1, EN60601-1-2, EN10079-1, and EN7779 for noise
To be supplied with: Spare parts
60 anti-bacterial filters
2 spare suction tube, diam. 6 mm, 2 m, autoclavable
1 bottle 5 ltr, autoclavable
2 fuses

1527 **SURGICAL SUTURE, absorbable, liver, collagen band, 60 cm, 0.3 mm**

To be used for liver surgery
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”
Sterile
Other requirements: CE-Mark

1528 **SURGICAL SUTURE, absorbable, USP 0, DS-25, 70cm**

Absorbable suture material to be used in adaptation of soft tissues and in ligatures where medium-term absorbable thread material is required, including ophthalmic surgery and microsurgery
Material: polyglycolic acid, braided, coated with calcium stearate and polycaprolactone
Dyed with D+C violet no 2 or undyed (e.g. Serafit from company Serag Wiessner or similar)
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”
Sterile
Other requirements: CE-Mark

1529 **SURGICAL SUTURE, absorbable, USP 0, HRX-36, 70cm**

Absorbable suture material to be used in adaptation of soft tissues and in ligatures where medium-term absorbable thread material is required, including ophthalmic surgery and microsurgery
Material: polyglycolic acid, braided, coated with calcium stearate and polycaprolactone
Dyed with D+C violet no 2 or undyed (e.g. Serafit from company Serag Wiessner or similar)
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”
Sterile
Other requirements: CE-Mark

1530 **SURGICAL SUTURE, absorbable, USP 1, HRX-36, 70cm**

Absorbable suture material to be used in adaptation of soft tissues and in ligatures where medium-term absorbable thread material is required, including ophthalmic surgery and microsurgery
Material: polyglycolic acid, braided, coated with calcium stearate and polycaprolactone
Dyed with D+C violet no 2 or undyed (e.g. Serafit from company Serag Wiessner or similar)
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided,
absorbable, synthetic threads"  
Sterile  
Other requirements: CE-Mark

1531 **SURGICAL SUTURE, absorbable, USP 2-0, 6x45cm**

Absorbable suture material to be used in adaptation of soft tissues and in ligatures where medium-term absorbable thread material is required, including ophthalmic surgery and microsurgery  
Material: polyglycolic acid, braided, coated with calcium stearate and polycaprolactone  
Dyed with D+C violet no 2 or undyed (e.g. Serafit from company Serag Wiessner or similar)  
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”  
Sterile  
Other requirements: CE-Mark

1532 **SURGICAL SUTURE, absorbable, USP 2-0, HR-26, 70cm**

Absorbable suture material to be used in adaptation of soft tissues and in ligatures where medium-term absorbable thread material is required, including ophthalmic surgery and microsurgery  
Material: polyglycolic acid, braided, coated with calcium stearate and polycaprolactone  
Dyed with D+C violet no 2 or undyed (e.g. Serafit from company Serag Wiessner or similar)  
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”  
Sterile  
Other requirements: CE-Mark

1533 **SURGICAL SUTURE, absorbable, USP 3-0, 6x45cm**

Absorbable suture material to be used in adaptation of soft tissues and in ligatures where medium-term absorbable thread material is required, including ophthalmic surgery and microsurgery  
Material: polyglycolic acid, braided, coated with calcium stearate and polycaprolactone  
Dyed with D+C violet no 2 or undyed (e.g. Serafit from company Serag Wiessner or similar)  
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”  
Sterile  
Other requirements: CE-Mark

1534 **SURGICAL SUTURE, absorbable, USP 3-0, HR-26, 70cm**

Absorbable suture material to be used in adaptation of soft tissues and in ligatures where medium-term absorbable thread material is required, including ophthalmic surgery and microsurgery  
Material: polyglycolic acid, braided, coated with calcium stearate and polycaprolactone  
Dyed with D+C violet no 2 or undyed (e.g. Serafit from company Serag Wiessner or similar)  
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided,
absorbable, synthetic threads*
Sterile
Other requirements: CE-Mark

1535 SURGICAL SUTURE, absorbable, Vicril 0 Needle CT1

Material: combination of polyglycolic-acids (resorbable)
With 50 % strength after approx. 18 days
Size: USP 0, HRX-36, 70cm
Sterile
Other requirements: CE-Mark

1536 SURGICAL SUTURE, non-absorbable, USP 0, DS-30, 50cm

Synthetic monofilament non-absorbable sterile surgical suture for adaptation of soft tissues and for ligatures where non-absorbable suture material is indicated, including use in cardiovascular and neurological procedures as well as in microsurgery and ophthalmic procedures
Can also be used for holding sutures
Material: polyvinylidene fluoride
Dyed with solvent blue (e.g. Seralene from Serag Wiessner company or similar)
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”
Other requirements: CE-Mark

1537 SURGICAL SUTURE, non-absorbable, USP 0, HR-26, 75cm

Synthetic monofilament non-absorbable sterile surgical suture for adaptation of soft tissues and for ligatures where non-absorbable suture material is indicated, including use in cardiovascular and neurological procedures as well as in microsurgery and ophthalmic procedures
Can also be used for holding sutures
Material: polyvinylidene fluoride
Dyed with solvent blue (e.g. Seralene from Serag Wiessner company or similar)
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”
Other requirements: CE-Mark

1538 SURGICAL SUTURE, non-absorbable, USP 1, Needle CT1

Monofilament suture
Material: polypropylene
USP 1, 75 cm long
Needle CT 1 (e.g. Prolene 1 from company Ethicon or similar products)
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”
Sterile
1539 **SURGICAL SUTURE, non-absorbable, USP 2/0, Needle CT1**

Monofilament suture  
Material: polypropylene  
USP 2/0, 75 cm long  
Needle CT 1 (e.g. Prolene 1 from company Ethicon or similar products)  
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”  
Sterile

1540 **SURGICAL SUTURE, non-absorbable, USP 2-0, DS-25, 50cm**

Synthetic monofilament non-absorbable sterile surgical suture for adaptation of soft tissues and for ligatures where non-absorbable suture material is indicated, including use in cardiovascular and neurological procedures as well as in microsurgery and ophthalmic procedures  
Can also be used for holding sutures  
Material: polyvinylidene fluoride  
Dyed with solvent blue (e.g. Seralene from Serag Wiessner company or similar)  
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”  
**Other requirements:** CE-Mark

1541 **SURGICAL SUTURE, non-absorbable, USP 2-0, HR-26, 70cm**

Synthetic monofilament non-absorbable sterile surgical suture for adaptation of soft tissues and for ligatures where non-absorbable suture material is indicated, including use in cardiovascular and neurological procedures as well as in microsurgery and ophthalmic procedures  
Can also be used for holding sutures  
Material: polyvinylidene fluoride  
Dyed with solvent blue (e.g. Seralene from Serag Wiessner company or similar)  
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”  
**Other requirements:** CE-Mark

1542 **SURGICAL SUTURE, non-absorbable, USP 4-0, HR-17, 75cm**

Synthetic monofilament non-absorbable sterile surgical suture for adaptation of soft tissues and for ligatures where non-absorbable suture material is indicated, including use in cardiovascular and neurological procedures as well as in microsurgery and ophthalmic procedures  
Can also be used for holding sutures  
Material: polyvinylidene fluoride  
Dyed with solvent blue (e.g. Seralene from Serag Wiessner company or similar)  
The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”  
**Other requirements:** CE-Mark
1543 **SURGICAL SUTURE, non-absorbable, USP 5-0, HR-17, 75cm**

Synthetic monofilament non-absorbable sterile surgical suture for adaptation of soft tissues and for ligatures where non-absorbable suture material is indicated, including use in cardiovascular and neurological procedures as well as in microsurgery and ophthalmic procedures.

Can also be used for holding sutures

Material: polyvinylidene fluoride

Dyed with solvent blue (e.g. Seralene from Serag Wiessner company or similar)

The suture material satisfies the essential requirements of Directive 93/42/EEC on medical devices and harmonized standard of European Pharmacopoeia for “sterile, braided, absorbable, synthetic threads”

**Other requirements:** CE-Mark

1544 **SWAB, small, 40 x 50 mm, cellulose, 12 folds, non sterile**

Cellulose swabs are for general use e.g. to disinfect skin before blood taking

Material: cellulose

Soft, perforated design, extremely absorbent, chemically unobjectionable

From the roll, non-sterile, disposable

Can be sterilized by steam or hot air

Packaging: often as standard pack 2 rolls of 500 pieces

1545 **SYRINGE, 2 ml, 2 parts, disposable**

Material:
- clear polypropylene (medical grade) or polyethylene, transparent enough for easy reading and air bubbles detection

Barrel:
- cylindrical with easy-to-read, clear and water resistant graduations scale, ended by a conical male Luer connection

Plunger:
- must give a proofed seal

Packaging:
- 1 syringe packed in an individual sterilised peel-pack made of paper and/or plastic, protective carton packaging

Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, total no. of units on carton

**Other requirements:** conforms to EN-ISO7886-1 and EN-ISO20594-1 standards

1546 **SYRINGE, 5 ml, 2 parts, disposable**

Material:
- clear polypropylene (medical grade) or polyethylene, transparent enough for easy reading
and air bubbles detection

Barrel:
- cylindrical with easy-to-read, clear and water resistant graduations scale, ended by a conical male Luer connection

Plunger:
- must give a proofed seal

Packaging:
- 1 syringe packed in an individual sterilised peel-pack made of paper and/or plastic, protective carton packaging

Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, total no. of units on carton

Other requirements: conforms to EN-ISO7886-1 and EN-ISO20594-1 standards

1547 SYRINGE, 10 ml, 2 parts, disposable

Material:
- clear polypropylene (medical grade) or polyethylene, transparent enough for easy reading and air bubbles detection

Barrel:
- cylindrical with easy-to-read, clear and water resistant graduations scale, ended by a conical male Luer connection

Plunger:
- must give a proofed seal

Packaging:
- 1 syringe packed in an individual sterilised peel-pack made of paper and/or plastic, protective carton packaging

Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, total no. of units on carton

Other requirements: conforms to EN-ISO7886-1 and EN-ISO20594-1 standards

1548 SYRINGE, 20 ml, 2 parts, disposable

Material:
- clear polypropylene (medical grade) or polyethylene, transparent enough for easy reading and air bubbles detection

Barrel:
- cylindrical with easy-to-read, clear and water resistant graduations scale, ended by a conical
male Luer connection
Plunger:
- must give a proofed seal
Packaging:
- 1 syringe packed in an individual sterilised peel-pack made of paper and/or plastic, protective carton packaging
Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, total no. of units on carton

**Other requirements:** conforms to EN-ISO7886-1 and EN-ISO20594-1 standards

1549 **SYRINGE, 50 ml, 2 parts, disposable**

Material:
- clear polypropylene (medical grade) or polyethylene, transparent enough for easy reading and air bubbles detection
Barrel:
- cylindrical with easy-to-read, clear and water resistant graduations scale, ended by a conical male Luer connection
Plunger:
- must give a proofed seal
Packaging:
- 1 syringe packed in an individual sterilised peel-pack made of paper and/or plastic, protective carton packaging
Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, total no. of units on carton

**Other requirements:** conforms to EN-ISO7886-1 and EN-ISO20594-1 standards

1550 **SYRINGE, BLADDER, 100 ml**

Syringe, two pieces: barrel with Luer nozzle and piston
Graduated scale on the barrel, easy to read
Barrel sufficiently transparent to allow easy measurement of the fluid in the syringe
Material: Polyethylene (PEF) or polypropylene (PP)
Dispersable, sterile
Sterilisation method: Ethylene oxide
Packaging:
- 1 syringe packed in an individual sterilised peel-pack made of paper and/or plastic
Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr

**Other requirements:** conforms to EN-ISO 7886-1, EN-ISO 20594, EN 550-ISO 11135

1551 **TABLE, DELIVERY, dismantable**

Gynaecological table with detachable leg rests and basin used for gynaecological examinations and deliveries
Two-part stable steel construction, white, powder-coated
Consisting of:
- Head part
- Backrest: mechanically adjustable, standard guides on the head part
- Foot part: mobile, with lockable castors; diameter minimum 10 cm
- Leg rests: removable with fastening clamps and cuffs, stainless steel rod, plastic rests
- Two-part mattress: washable, mid density foam, covered with smooth upholstery
- Waste bowl: swing able waste bowl, stainless steel

Measurements assembled approx. (LxWxH): 2030 x 970 x 695 mm
Packaging: dismantled, in protective wooden crate

1552 TABLE, EXAMINATION, foldable, tripartite with carry bag

Foldable examination table (tripartite), used for medical examinations
Material:
- Frame: stainless steel in epoxy painted coated metal
- Top is upholstered and covered with washable chlorine –resistant material
- Cushion: foam, 5 cm thick, covered with a cleanable chlorine-resistant synthetic upholstery (plastic, vinyl)

Transverse bar to be fixed for stability
Dimensions unfolded: approx. 80 x 60 x 190 cm
Weight: approx. 15 kg.
Cushions cleanable with soap and disinfectable with 0.5 % chlorine solution
Packaging: delivered folded; dimensions approx. 80 x 60 x 15 cm

1553 TABLE, INSTRUMENTS, 60 x 48 cm, Mayo type, 4 wheels
Small pedestal table on wheels, used during surgery for keeping the instruments in use near the operating field
Material of tray, stand and base: stainless steel
Tray:
- Length 600 mm, width 480 mm
- Height of ridge 10 mm
- Adjustable in height from 825 to 1300 mm
Stand:
- with adjusting screw
- screw to lock chosen height
Base
- Fork-shaped (in U): 450 x 610 mm
- Made of square tube size: approx 35 x 35 mm
- On 80 mm castors
Other requirements: Resistant to corrosion (suitable for tropical environment) and decontamination
Knock down construction

1554 TABLE, INSTRUMENTS, 100 x 60 cm, 2 shelves, with castors

Square instrument table used during surgery for keeping instruments in use near the operating field
Dimension assembled: L/W/H: approx 1000 x 600 x 820 mm
Shelves:
- Material: Stainless steel
- Size: 1000 x 600 mm; thickness: 1.35 mm
Height from floor to first shelve approx 430 mm, to second shelve approx. 820 mm
Frame:
- In square tube size: 25 x 25 mm
- Material: Stainless steel
Wheels/castors:
Diameter 100 mm with 95 mm rubber bumper
Other requirements: Resistant to corrosion (suitable for tropical environment) and decontamination
Knock down construction
1554 TOOL KIT, small

1555 TABLE, OPERATING, surgical, mechanical, with accessories

Mechanical operating table, used in operating theatres in developing countries or in emergency situations
Like Medeco SSM80
Robust table, simple but multifunctional, entirely mechanical, stable, light and not too cumbersome
Radio translucent permitting X-rays
Mechanical decline/incline and lateral tilting
Can be used on uneven ground (4 adjustable jacks attached to large metal runners)
Can be rapidly assembled and dismantled
Design which allows storage for long periods of time under all conditions
Consisting of 4 articulating sections
Dimensions:
- Total length: 1.90m
- Overall width: 0.515m
- Width of the sections: 0.475 m
- Height: 0.75 to 1m (mechanically adjustable height)
Mechanically adjustable inclinations:
- Maximum decline: 35°
- Maximum incline: 30°
- Maximum lateral tilt: 20°
Crankshaft which allows minute adjustment of the table
- Headrest, non removable: Length: 0.34 m; Incline: 90º + 60º
- Backrest, non removable: Length: 0.55 m; Incline: -50º to +80º
- Seat: length: 0.44 m
- Extension: length: 0.57 m; Incline: -90º to +30º
Legs with 4 adjustable jacks on large metallic runners

Anticorrosion measures:
- stainless steel satinised
- light alloys anodised steel, phosphatised, coated with anti-chip paint

Sections:
- formed by a sandwich plastic/anodised aluminium
- permeable to X rays
- unbreakable
- insensible to climatic corrosion
- dimensions: 30 x 40 cm, thickness: 6 mm

4 cushions, antistatic and permeable to X rays, thickness: 30 mm

To be supplied with:
- 4 Sliding clamps for holding accessories
- Mattress (4 sections) in black lectolite
- 10 Vice, to hold accessories
- Hoop, for the anaesthetists field
- Pair of cushioned cylindrical shoulder supports
- Pair of cushioned leather wrist straps
- Cushioned perfusion armrest
- Cushioned side rest
- Pair of cushioned leg straps
- Pan for X-ray cassettes
- Infusion stand, attachable to table
- Pair of leg supports plus straps
- Annex for hand surgery

Total weight including accessories: 80 kg

Other requirements: Temperature range for usage/storage: -15º C to +50º C
Should conform to ISO standard

1556 TAP, 3-WAYS, for infusions

Three way stop cock for simultaneous infusions
Material: transparent polycarbonate/P, non-toxic medical grade material
With 3 Luer lock connectors
Sterile, disposable, pyrogen-free
Packaging:
- 1 tap packed in an individual sterilised peel-pack made of paper and/or plastic, protective carton packaging
Labeling:
- Exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, total no. of units on carton

1557 TAPE, ADHESIVE DRESSING, 6 cm x 5 m, roll

Textile adhesive strip with absorbing compress/pad
Material:
- Tape: Woven or non woven textile
- Adhesive: mixture of rubber, resins and lanolin
- Compress/pad: non woven impregnated with Chlorhexidinum 0,15%
Air-permeable
Well tolerated by the skin due to hypoallergenic adhesive
Highly absorbent pad
Does not stick to the wound
Non-stretch
With fissures to admit air
Needed length to be cut according to need
Colour: White or flesh coloured
Storage:
- Protect from humidity
- Temperature below 25 °
Packaging and label
one roll in a protective box, should mention name and/or trademark of the manufacturer, lot number, manufacturing date by year and month, single CE marking, product description
Other requirements: meets Pharmacopoeia specifications

1558 TAPE, ADHESIVE, CREPE, 19mm x 50m

Paper based roll

1559 TAPE, ADHESIVE, zinc oxide, 1.5 cm x 5 m
Adhesive tape used to secure dressings and certain medical devices on the skin

Material:
- Textile base: woven, silk or acetate taffeta
- Zink oxide-based adhesive, mixed with rubber, resins and lanolin

Heated on contact with skin, zinc oxide allows the tape to stick

Sticks strongly to dry skin but can be removed without causing any significant lesion

Good cutaneous tolerance

Non stretch

Waterproof

With notched edges so that it can be torn by hand

Packaging: roll in protective box or wrapping, should mention name and/or trademark of the manufacturer, lot number, manufacturing date by year and month, single CE marking, product description

Other requirements: meets the European Pharmacopoeia specifications

1560 TAPE, ADHESIVE, zinc oxide, 2.5 cm x 5 m

Adhesive tape used to secure dressings and certain medical devices on the skin

Material:
- Textile base: woven, silk or acetate taffeta
- Zink oxide-based adhesive, mixed with rubber, resins and lanolin

Heated on contact with skin, zinc oxide allows the tape to stick

Sticks strongly to dry skin but can be removed without causing any significant lesion

Good cutaneous tolerance

Non stretch

Waterproof

With notched edges so that it can be torn by hand

Packaging: roll in protective box or wrapping, should mention name and/or trademark of the manufacturer, lot number, manufacturing date by year and month, single CE marking, product description

Other requirements: meets the European Pharmacopoeia specifications

1561 TAPE, ADHESIVE, zinc oxide, 5 cm x 5 m

Adhesive tape used to secure dressings and certain medical devices on the skin

Material:
- Textile base: woven, silk or acetate taffeta
- Zink oxide-based adhesive, mixed with rubber, resins and lanolin

Heated on contact with skin, zinc oxide allows the tape to stick

Sticks strongly to dry skin but can be removed without causing any significant lesion

Good cutaneous tolerance

Non stretch

Waterproof

With notched edges so that it can be torn by hand

Packaging: roll in protective box or wrapping, should mention name and/or trademark of the manufacturer, lot number, manufacturing date by year and month, single CE marking, product description

Other requirements: meets the European Pharmacopoeia specifications

1562 TAPE, AUTOCLAVE, 19 mm x 50 m

 Provides immediate identification of processed items (passage indicator) and serves as a closure tape to seal sterilization packs
Material:
- Paper crepe with chemical indicator
- Non-toxic
- Lead free

Paper crepe tape specially imprinted with a chemical indicator (diagonal stripes) that will darken
The chemical process indicator lines on the steam tape change to dark brown on a beige background when exposed to the steam sterilization process
The chemical reaction changes the colour irreversibly
Allows also to seal packs and to write on it
Easy to interpret
Packaging and labeling: individual rolls with adequate protecting wrap, marked with lot number and expiry date

Other requirements: conforms to ISO 11140-1 Class 1

1565 TEST TUBE, for Benedict test glass, 160x16mm round bottom rimless

Used for the semi-quantitative examination of glucose in urine with Benedict solution, the mixture in the test tube is heated on a spirit lamp
Material: real laboratory glass
Round bottom, rimless
Autoclavable
Uniform wall thickness
Packaging: protective

1566 TEST TUBE, GLASS, 16x100 mm, 12ml, round bottom

Non-sterile, autoclaveable
Packaging: protective packaging

1569 THERMOMETER, ear, electronic

Infrared sensor tip
LCD-display
Battery powered (2 Lithium coin cells)
Measuring range: 34°C - 42,2°C
Measuring time: 2 - 3 sek
Height: approx. 15 cm

To be supplied with: 1000 plastic covers for sensor tip
Batteries
1570 THERMOMETER, medical, mercury-free

For measuring temperature (rectal, oral and axillary)
Material: Glass and Gallistan
Clinical thermometer, without mercury
Waterproof
Length: 115 ± 5 mm
Width: 14 ± 3 mm
Minimum temperature: 35°C
Maximum temperature: 42°C
Graduations in Celsius every 0.1 °C, with major graduations every 1 °C, printed on a central metallic or plastic bar (scale) upon which the glass tube containing the gallistan is mounted
Gallium column:
glass tube of 1.2 mm external diameter and 0.8 mm internal diameter of which the bottom is coloured in order to contrast with the gallistan, so making the reading easier
Packaging: individual protection, protective case with plastic housing at the bottom in order to protect the most fragile end of the thermometer where the Gallium reservoir is situated

1571 THERMOMETER, MINI-MAXI, -30 to +50°C

Thermometer to measure the minimum/maximum and present temperature e.g. in a refrigerator (containing blood units or reagents)
Material: plastic housing
Push button to “zero” it
1572 **TIMER, stopwatch, 60 min reading to 1/5 sec., chromed metal**

Mechanical addition timer to wind up  
Shock proof  
Unbreakable spring  
ABS-special housing  
Diameter: approx. 55 mm  
With neck cord and etui  
1/10 s-resolution, 60 minutes read out

1573 **TONGUE DEPRESSOR, wood, non sterile**

Used to examine throat and mouth disease  
Material: Birch wood  
Smooth surface with rounded edges  
Stable and splinter proofed  
Size: 150 x 20 x 1,5 mm (L x W x H)  
Packaging: box of 100 pieces

1575 **TOURNIQUET, COTTON, 42x2.4cm, elastic, with buckle**

Cotton woven strip with plastic buckle  
Easy one hand operation  
Disinfectable with common chemical agents and autoclavable
1576 **TOURNIQUET, PNEUMATIC, with cuff leg/arm + pump/manometer**

Allow to empty venous blood by applying circular compression
Inflatable rubber bladder surrounded by a large material band
One rubber tube connected to pump-manometer
Components:
1 Hand pump-manometer
   - Chrome plated manometer with special tempered copper-beryllium diaphragm
   - Aluminium scale Graduated to 700 mmHg
1 Arm cuff: 57 x 9 cm (washable plastic material)
1 Leg cuff: 96 x 12.5 cm (washable plastic material)
1 Set of tubes and connectors

1577 **TOWEL, cotton, 60 x 90 cm**

Washable at 90°C
Material: cotton

1578 **TOWEL, cotton, approx. 20 x 30 cm**
TRAY, INSTRUMENT, GRID, 210 x 145 x 50 mm, stainless steel

Material: stainless steel wire net, electrolyte polished
Maximum square opening approx 6,5 mm
Wire diameter 1,5 mm
This design gives maximum usage for cleaning results and at the same time prevents instruments to penetrate the sides of the tray
All cross-points in the network and vertical wires to top and bottom frames to be point-welded
All free wire ends to be soft-polished to prevent hurting staff when being handled
The bottom wire construction to include a rigid, 3 mm diameter, stainless steel wire frame to give airing space between goods and work surface
Electrolyte polished to get soft and clean surfaces
Easy to clean and disinfect
Modular design
Stackable
To be used with: AUTOCLAVE, COMBINED, 90 l, elec./kero., incl. kero. burner
SHEET, COTTON, sterile wrapping, 75 x 75 cm

TRAY, INSTRUMENT, GRID, 240 x 250 x 50 mm, stainless steel

Material: stainless steel wire net, electrolyte polished
Maximum square opening approx 6,5 mm
Wire diameter 1,5 mm
This design gives maximum usage for cleaning results and at the same time prevents instruments to penetrate the sides of the tray
All cross-points in the network and vertical wires to top and bottom frames to be point-welded
All free wire ends to be soft-polished to prevent hurting staff when being handled
The bottom wire construction to include a rigid, 3 mm diameter, stainless steel wire frame to give airing space between goods and work surface
Electrolyte polished to get soft and clean surfaces
Easy to clean and disinfect
Modular design
Stackable
To be used with: AUTOCLAVE, COMBINED, 90 l, elec./kero., incl. kero. Burner
(autoclave combined, 90l) BASKET, stainless steel
SHEET, COTTON, sterile wrapping, 100 x 100 cm
Other requirements: Should fit horizontally in the the BASKET, stainless steel of this sterilizer while in double wrapping
1581 TRAY, LABORATORY

For collection and transportation of blood specimen, designed in accordance to Sahli method for Haemoglobin determination
Like Assistent 2000/1 and 2000/2
Components:
- Plastic tray approx 35 x 25 x 4 cm
- Stand with 4 compartments for pipettes etc and 5 placeholder for 5 bottles
Material:
- Tray: melamine
- Stand: plexiglass
To be cleaned easily
The stand can be placed on one side of the tray, leaving space for additional materials

1582 TROLLEY, ANEASTHESIA, 940 x 625cm, 2 shelves, 2 drawers

Robust and solid for use in tough conditions
Material: stainless steel
knock down construction
2 Drawers
2 Shelves
On 4 castors (diameter 8 cm) of which 2 are lockable
Can be washed and disinfected

1583 TROUSERS, SURGICAL, reusable, cotton, size L

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m2: minimum145 g
Colour: blue or green
Size L:
- Length: 118 cm
- Chest measurement: 108-110 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit
1584 TROUSERS, SURGICAL, reusable, cotton, size M

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: blue or green
Size M:
- Length: 109 cm
- Chest measurement: 99-103 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit

1585 TROUSERS, SURGICAL, reusable, cotton, size S

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: blue or green
Size S:
- Length: 102 cm
- Chest measurement: 89-92 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit

1586 TROUSERS, SURGICAL, reusable, cotton, size XL

Trousers with a string in the waist band, with or without foot cuffs
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: blue or green
Size XL:
- Length: 122 cm
- Chest measurement: 115-122 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%

1587 TUB, plastic, approx. 70 l

To be used for disinfectant solution in entrance and exit area of isolation unit (Step-in basin)
Size: approx. 50 x 80 x 40 cm
40 cm maximum height of sides
1588 **TUBE FOR CROSS-MATCH, GLASS, 12 x 75 mm, 4 ml**

Used for compatibility testing in blood transfusions  
Material: glass or polysterol, transparent  
Capacity: 4 ml  
Packaging: protective

1589 **TUBE, CAPILLARY, MICRO-HAEMATOCRIT, 75 mm, heparinised**

Fine glass tube provided with anticoagulant, designed to sample blood through capillary  
Used to determine the haematocrit, as well as the concentration of parasites (Trypanosoma)  
Coated with anticoagulant heparin  
Capacity 75 µl  
Disposable  
Packaging: protective, expiry date on the label  
**To be used with:** WAX FOR HAEMATOCRIT
1590  TUBE, ENDOTRACHEAL, No 03, without cuff, sterile, disposable

Components:
- Tracheal tube without cuff
- Connector (ext. Ø15 mm)

Material:
- Tube: Transparent polyvinyl chloride (PVC) or polyurethane
- Connector: PVC

The endotracheal tubes are standard in all respects:

Dimension, connection, markings

Tube:
- With oro-nasal angle of 37.5°
- Continuous X-ray line
- Black position indicator for correct tube placement
- Distal end: open bevelled (obliquely cut)

Magill-type connector: ext. Ø15mm at proximal end of the tracheal tube to fit standard connection to the ventilation device

Tube size Nr 3: length 170mm, I.D 3.0/O.D 4.0mm

Packaging: must be supplied in sterilised peel pack

Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use". CE + number, product description, instruction for use

Other requirements: should conform to ISO 5361 and ISO 7228 (connectors)

1591  TUBE, ENDOTRACHEAL, No 04, without cuff, sterile, disposable

Components:
- Tracheal tube without cuff
- Connector (ext. Ø15 mm)

Material:
- Tube: Transparent polyvinyl chloride (PVC) or polyurethane
- Connector: PVC

The endotracheal tubes are standard in all respects:

Dimension, connection, markings

Tube:
- With oro-nasal angle of 37.5°
- Continuous X-ray line
- Black position indicator for correct tube placement
- Distal end: open bevelled (obliquely cut)

Magill-type connector: ext. Ø15mm at proximal end of the tracheal tube to fit standard connection to the ventilation device

Tube size Nr 4: length 210mm, I.D 4.05/O.D 5.03mm

Packaging: must be supplied in sterilized peel pack

Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use". CE + number, product description, instruction for use

Other requirements: should conform to ISO 5361 and ISO 7228 (connectors)
1592  **TUBE, ENDOTRACHEAL, No 05, without cuff, sterile, disposable**

Components:
- Tracheal tube without cuff
- Connector (ext. Ø15 mm)

Material:
- Tube: Transparent polyvinyl chloride (PVC) or polyurethane
- Connector: PVC

The endotracheal tubes are standard in all respects:

**Dimension, connection, markings**

**Tube:**
- With oro-nasal angle of 37.5°
- Continuous X-ray line
- Black position indicator for correct tube placement
- Distal end: open bevelled (obliquely cut)

Magill-type connector: ext. Ø15mm at proximal end of the tracheal tube to fit standard connection to the ventilation device

**Tube size Nr 5:** length 250mm, I.D 5.0/O.D 6.7mm

**Packaging:** must be supplied in sterilised peel pack

Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use". CE + number, product description, instruction for use

**Other requirements:** should conform to ISO 5361 and ISO 7228 (connectors)

1593  **TUBE, ENDOTRACHEAL, No 06, with cuff, sterile, disposable**

Components:
- Tracheal tube with cuff
- Cuff: situated near the distal end, connected to an external pilot balloon with self-sealing valve
- Connector: proximal end of tracheal tube to fit standard connection to the ventilation device

Material:
- Tube: Transparent polyvinyl chloride (PVC) or polyurethane
- Connector: PVC transparent or blue
- Pilot balloon: siliconed latex or PVC siliconised
- Tracheal cuff: PVC siliconised or siliconised latex rubber

The endotracheal tubes are standard in all respects:

**Dimension, connection, markings**

**Tube:**
- With oro-nasal angle of 37.5°
- Continuous X-ray line
- Black position indicator for correct tube placement
- Distal end: with open beveled (obliquely cut), Magill-type

**Tracheal cuff:**
- Situated near the tube distal end (can be optional)
- Provides an airtight seal between the tube and the tracheal wall to protect the patient's airways from stomach aspiration
- Allows efficient ventilation during IPPV
- With low-pressure cuff to avoid inadequate pressure on the trachea mucous membrane to prevent damage or even necrosis
- Cuff is inflated via a small-bore inflation tube, welded onto the outside tracheal tube or built into its wall
- The inflation tube is connected to its proximal end to a small pilot balloon that is designed to give an indication of the cuff distension
- Includes an a device for maintaining certain pressure in the circuit (plug, shut-off valve, non-return valve) with Luer tip
Tubes are fitted with standard ext. Ø15mm connectors
Tube size Nr 6: length: 290 mm, I.D 6.0/O.D 8.0 cuff Ø18.5 mm
Unit presentation: 1 endotracheal tube, sterile, disposable
Packaging: must be supplied in sterilized peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use
Other requirements: should conform to ISO 5361 and ISO 7228 (connectors)

1594 TUBE, ENDOTRACHEAL, No 07, with cuff, sterile, disposable

Components:
- Tracheal tube with cuff
- Cuff: situated near the distal end, connected to an external pilot balloon with self-sealing valve
- Connector: proximal end of tracheal tube to fit standard connection to the ventilation device

Material:
- Tube: Transparent polyvinyl chloride (PVC) or polyurethane
- Connector: PVC transparent or blue
- Pilot balloon: siliconed latex or PVC siliconised
- Tracheal cuff: PVC siliconised or siliconised latex rubber

The endotracheal tubes are standard in all respects:
Dimension, connection, markings
Tube:
- With oro-nasal angle of 37.5°
- Continuous X-ray line
- Black position indicator for correct tube placement
- Distal end: with open beveled (obliquely cut), Magill-type

Tracheal cuff:
- Situated near the tube distal end (can be optional)
- Provides an airtight seal between the tube and the tracheal wall to protect the patient's airways from stomach aspiration
- Allows efficient ventilation during IPPV
- With low-pressure cuff to avoid inadequate pressure on the trachea mucous membrane to prevent damage or even necrosis
- Cuff is inflated via a small-bore inflation tube, welded onto the outside tracheal tube or built into its wall
- The inflation tube is connected to its proximal end to a small pilot balloon that is designed to give an indication of the cuff distension
- Includes an a device for maintaining certain pressure in the circuit (plug, shut-off valve, non-return valve) with Luer tip

Tubes are fitted with standard ext. Ø15mm connectors

Tube size Nr 7: length: 320 mm, I.D 7.0/O.D 9.3 cuff Ø 24 mm

Unit presentation: 1 endotracheal tube, sterile, disposable

Packaging: must be supplied in sterilized peel pack

Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

Other requirements: should conform to ISO 5361 and ISO 7228 (connectors)

1595 TUBE, ENDOTRACHEAL, No 08, with cuff, sterile, disposable

Components:
- Tracheal tube with cuff
- Cuff: situated near the distal end, connected to an external pilot balloon with self-sealing valve
- Connector: proximal end of tracheal tube to fit standard connection to the ventilation device

Material:
- Tube: Transparent polyvinyl chloride (PVC) or polyurethane
- Connector: PVC transparent or blue
- Pilot balloon: siliconed latex or PVC siliconised
- Tracheal cuff: PVC siliconised or siliconised latex rubber

The endotracheal tubes are standard in all respects:
Dimension, connection, markings

Tube:
- With oro-nasal angle of 37.5°
- Continuous X-ray line
- Black position indicator for correct tube placement
- Distal end : with open beveled (obliquely cut), Magill-type

Tracheal cuff:
- Situated near the tube distal end (can be optional)
- Provides an airtight seal between the tube and the tracheal wall to protect the patient's airways from stomach aspiration
- Allows efficient ventilation during IPPV
- With low-pressure cuff to avoid inadequate pressure on the trachea mucous membrane to prevent damage or even necrosis
- Cuff is inflated via a small-bore inflation tube, welded onto the outside tracheal tube or built into its wall
- The inflation tube is connected to its proximal end to a small pilot balloon that is designed to give an indication of the cuff distension
- Includes an a device for maintaining certain pressure in the circuit (plug, shut-off valve, non-return valve) with Luer tip

Tubes are fitted with standard ext. Ø15mm connectors

Tube size Nr 8: length: 340 mm, I.D 8.0/O.D 10.7 cuff Ø 26 mm

Unit presentation: 1 endotracheal tube, sterile, disposable

Packaging: must be supplied in sterilized peel pack

Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

Other requirements: should conform to ISO 5361 and ISO 7228 (connectors)

1596 TUBE, ENDOTRACHEAL, No 09, with cuff, sterile, disposable
Components:
- Tracheal tube with cuff
- Cuff: situated near the distal end, connected to an external pilot balloon with self-sealing valve
- Connector: proximal end of tracheal tube to fit standard connection to the ventilation device

Material:
- Tube: Transparent polyvinyl chloride (PVC) or polyurethane
- Connector: PVC transparent or blue
- Pilot balloon: siliconed latex or PVC siliconised
- Tracheal cuff: PVC siliconised or siliconised latex rubber

The endotracheal tubes are standard in all respects:

Dimension, connection, markings
Tube:
- With oro-nasal angle of 37.5°
- Continuous X-ray line
- Black position indicator for correct tube placement
- Distal end : with open beveled (obliquely cut), Magill-type

Tracheal cuff:
- Situated near the tube distal end (can be optional)
- Provides an airtight seal between the tube and the tracheal wall to protect the patient's airways from stomach aspiration
- Allows efficient ventilation during IPPV
- With low-pressure cuff to avoid inadequate pressure on the trachea mucous membrane to prevent damage or even necrosis
- Cuff is inflated via a small-bore inflation tube, welded onto the outside tracheal tube or built into its wall
- The inflation tube is connected to its proximal end to a small pilot balloon that is designed to give an indication of the cuff distension
- Includes an a device for maintaining certain pressure in the circuit (plug, shut-off valve, non-return valve) with Luer tip

Tubes are fitted with standard ext. Ø15mm connectors
Tube size Nr 9: length: 350 mm, I.D 9.0/O.D 12.0 cuff Ø 28 mm
Unit presentation: 1 endotracheal tube, sterile, disposable
Packaging: must be supplied in sterilized peel pack or blister
Labeling should mention: name and/or trademark of the manufacturer. sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

Other requirements: should conform to ISO 5361 and ISO 7228 (connectors)

1597 TUBE, FEEDING, CH 05, Luer tip, 50 cm, disposable

Tube with single channel
Material: Polyvinyl chloride (PVC)
With graduations over the first 20cm from the distal end, generally radio-opaque
Round end, 2 side holes
Radio-opaque mark, Luer tip with stopper
Length: 40cm to 50 cm
Packaging: 1 feeding tube, sterile, disposable
Must be supplied in sterilised peel pack or blister
Labeling should mention: name and/or trademark of the manufacturer. sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

Other requirements: Recommended for infants and children
To be used with: SYRINGE, BLADDER, 100 ml

1598 TUBE, FEEDING, CH 06, Luer tip, 50 cm, disposable
1599  TUBE, FEEDING, CH 08, Luer tip, 50 cm, disposable

Tube with single channel
Material: Polyvinyl chloride (PVC)
With graduations over the first 20cm from the distal end, generally radio-opaque
Rounded end, 2 side holes
Radio-opaque mark, Luer tip with stopper
Length: 40cm to 50 cm
Packaging: 1 feeding tube, sterile, disposable
Must be supplied in sterilised peel pack or blister
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use
Other requirements: Recommended for infants and children
To be used with: SYRINGE, BLADDER, 100 ml

1600  TUBE, FEEDING, CH 10, Luer tip, 50 cm, disposable

Tube with single channel
Material: Polyvinyl chloride (PVC)
With graduations over the first 20cm from the distal end, generally radio-opaque
Rounded end, 2 side holes
Radio-opaque mark, Luer tip with stopper
Length: 40cm to 50 cm
Packaging: 1 feeding tube, sterile, disposable
Must be supplied in sterilised peel pack or blister
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use
Other requirements: Recommended for infants and children
To be used with: SYRINGE, BLADDER, 100 ml

1601  TUBE, FEEDING, CH 16, Luer tip, 50 cm, disposable

Tube with single channel
Material: Polyvinyl chloride (PVC)
With graduations over the first 20cm from the distal end, generally radio-opaque
Rounded end, 2 side holes
Radio-opaque mark, Luer tip with stopper
Length: 40 cm to 50 cm
Packaging: 1 feeding tube, sterile, disposable
Must be supplied in sterilised peel pack or blister
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

**Other requirements**: Recommended for infants and children
**To be used with**: SYRINGE, BLADDER, 100 ml

### 1602 TUBE, GASTRIC, CH 05, conical tip, 120 cm, sterile, disp.

- Tube with single channel
- Proximal end has a connector for connecting to aspiration system
- Material: Polyvinyl chloride (PVC)
- Tube has radio-opaque markings at 40, 50, 60 and 70 cm from distal end corresponding to: cardia, stomach, duodenum, jejunum
- Conical tip
- Can be used with a syringe with conical nozzle for manual suction, tube feeding or for gastric aspiration
- Can also be used with pump, suction, foot operated (anaesthesia) or suction machine
- A bi-conical connector is required to connect to suction tubes (CONNECTOR, bi-conical, symmetric, ext dia. 7 to 11 mm autocl.)
- Packaging: Must be supplied in sterile peel pack packaging
- Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

### 1603 TUBE, GASTRIC, CH 06, conical tip, 120 cm, sterile, disp.

- Tube with single channel
- Proximal end has a connector for connecting to aspiration system
- Material: Polyvinyl chloride (PVC)
- Tube has radio-opaque markings at 40, 50, 60 and 70 cm from distal end corresponding to: cardia, stomach, duodenum, jejunum
- Conical tip
- Can be used with a syringe with conical nozzle for manual suction, tube feeding or for gastric aspiration
- Can also be used with pump, suction, foot operated (anaesthesia) or suction machine
- A bi-conical connector is required to connect to suction tubes (CONNECTOR, bi-conical, symmetric, ext dia. 7 to 11 mm autocl.)
- Packaging: Must be supplied in sterile peel pack packaging
- Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use
1604  **TUBE, GASTRIC, CH 08, conical tip, 120cm, sterile, disp.**

Tube with single channel
Proximal end has a connector for connecting to aspiration system
Material: Polyvinyl chloride (PVC)
Tube has radio-opaque markings at 40, 50, 60 and 70cm from distal end corresponding to:
- cardia, stomach, duodenum, jejunum
Conical tip
Can be used with a syringe with conical nozzle for manual suction, tube feeding or for gastric aspiration
Can also be used with pump, suction, foot operated (anaesthesia) or suction machine
A bi-conical connector is required to connect to suction tubes (CONNECTOR, bi-conical, symmetric. ext dia. 7 to 11 mm autocl.)
Packaging: Must be supplied in sterile peel pack packaging
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

1605  **TUBE, GASTRIC, CH 10, conical tip, 120cm, sterile, disp.**

Tube with single channel
Proximal end has a connector for connecting to aspiration system
Material: Polyvinyl chloride (PVC)
Tube has radio-opaque markings at 40, 50, 60 and 70cm from distal end corresponding to:
- cardia, stomach, duodenum, jejunum
Conical tip
Can be used with a syringe with conical nozzle for manual suction, tube feeding or for gastric aspiration
Can also be used with pump, suction, foot operated (anaesthesia) or suction machine
A bi-conical connector is required to connect to suction tubes (CONNECTOR, bi-conical, symmetric. ext dia. 7 to 11 mm autocl.)
Packaging: Must be supplied in sterile peel pack packaging
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description,
1606  **TUBE, GASTRIC, CH 12, conical tip, 120cm, sterile, disp.**

Tube with single channel  
Proximal end has a connector for connecting to aspiration system  
Material: Polyvinyl chloride (PVC)  
Tube has radio-opaque markings at 40, 50, 60 and 70cm from distal end corresponding to: cardia, stomach, duodenum, jejunum  
Conical tip  
Can be used with a syringe with conical nozzle for manual suction, tube feeding or for gastric aspiration  
Can also be used with pump, suction, foot operated (anaesthesia) or suction machine  
A bi-conical connector is required to connect to suction tubes (CONNECTOR, bi-conical, symmetric. ext dia. 7 to 11 mm autocl.)  
Packaging: Must be supplied in sterile peel pack packaging  
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

1607  **TUBE, GASTRIC, CH 16, conical tip, 120cm, sterile, disp.**

Tube with single channel  
Proximal end has a connector for connecting to aspiration system  
Material: Polyvinyl chloride (PVC)  
Tube has radio-opaque markings at 40, 50, 60 and 70cm from distal end corresponding to: cardia, stomach, duodenum, jejunum  
Conical tip  
Can be used with a syringe with conical nozzle for manual suction, tube feeding or for gastric aspiration  
Can also be used with pump, suction, foot operated (anaesthesia) or suction machine  
A bi-conical connector is required to connect to suction tubes (CONNECTOR, bi-conical, symmetric. ext dia. 7 to 11 mm autocl.)  
Packaging: Must be supplied in sterile peel pack packaging  
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

1608  **TUBE, GUEDEL, airways, No 0, baby, autoclavable**

To keep clear airway by preventing blockage by the tongue  
Material: Polyethylene/ethylene vinyl acetate (EVA), Polyvinyl chloride (PVC), siliconized  
The oropharyngeal airway has a curved, flattened part with an oval aperture  
Semi-rigid, transparent, colourless, autoclavable  
Size: N°0 pediatric, length: 50mm, inner Ø: 3.5mm  
The distal end (i.e. the pharyngeal extremity) is curved with soft rounded edge  
The proximal end (i.e. the buccal extremity) is straight and reinforced  
The flange of the airway must be marked with a number corresponding to its size  
Unit presentation: one Guedel tube, not sterile, reusable

1609  **TUBE, GUEDEL, airways, No 00, neonate, autoclavable**
To keep clear airway by preventing blockage by the tongue
Material: Polyethylene/ethylene vinyl acetate (EVA), Polyvinyl chloride (PVC), siliconized
The oropharyngeal airway has a curved, flattened part with an oval aperture
Semi-rigid, transparent, colourless, autoclavable
Size: N° 00 neo-natal, length: 40mm, inner Ø: 3.0mm
The distal end (i.e. the pharyngeal extremity) is curved with soft rounded edge
The proximal end (i.e. the buccal extremity) is straight and reinforced
The flange of the airway must be marked with a number corresponding to its size
Unit presentation: one Guedel tube, not sterile, reusable

1610 TUBE, GUEDEL, airways, No 1, child, autoclavable

To keep clear airway by preventing blockage by the tongue
Material: Polyethylene/ethylene vinyl acetate (EVA), Polyvinyl chloride (PVC), siliconized
The oropharyngeal airway has a curved, flattened part with an oval aperture
Semi-rigid, transparent, colourless, autoclavable
Size: N°1 child, length: 60mm, inner Ø: 4.0mm
The distal end (i.e. the pharyngeal extremity) is curved with soft rounded edge
The proximal end (i.e. the buccal extremity) is straight and reinforced
The flange of the airway must be marked with a number corresponding to its size
Unit presentation: one Guedel tube, not sterile, reusable

1611 TUBE, GUEDEL, airways, No 2, adolescent, autoclavable

To keep clear airway by preventing blockage by the tongue
Material: Polyethylene/ethylene vinyl acetate (EVA), Polyvinyl chloride (PVC), siliconized
The oropharyngeal airway has a curved, flattened part with an oval aperture
Semi-rigid, transparent, colourless, autoclavable
Size: N°2 adolescent, length: 70mm, inner Ø: 4.0mm
The distal end (i.e. the pharyngeal extremity) is curved with soft rounded edge
The proximal end (i.e. the buccal extremity) is straight and reinforced
The flange of the airway must be marked with a number corresponding to its size
Unit presentation: one Guedel tube, not sterile, reusable

1612 TUBE, GUEDEL, airways, No 3, adult small, autoclavable

To keep clear airway by preventing blockage by the tongue
Material: Polyethylene/ethylene vinyl acetate (EVA), Polyvinyl chloride (PVC), siliconized
The oropharyngeal airway has a curved, flattened part with an oval aperture
Semi-rigid, transparent, colourless, autoclavable
Size: N°3 adult small, length: 80mm, inner Ø: 4.5mm
The distal end (i.e. the pharyngeal extremity) is curved with soft rounded edge
The proximal end (i.e. the buccal extremity) is straight and reinforced
The flange of the airway must be marked with a number corresponding to its size
Unit presentation: one Guedel tube, not sterile, reusable

1613 TUBE, GUEDEL, airways, No 4, adult, autoclavable

To keep clear airway by preventing blockage by the tongue
Material: Polyethylene/ethylene vinyl acetate (EVA), Polyvinyl chloride (PVC), siliconized
The oropharyngeal airway has a curved, flattened part with an oval aperture
Semi-rigid, transparent, colourless, autoclavable
Size: N°4 adult, length: 80 mm, inner Ø: 4.5 mm
The distal end (i.e. the pharyngeal extremity) is curved with soft rounded edge
The proximal end (i.e. the buccal extremity) is straight and reinforced
The flange of the airway must be marked with a number corresponding to its size
Unit presentation: one Guedel tube, not sterile, reusable

1614  TUBE, GUEDEL, airways, No 5, adult large, autoclavable

To keep clear airway by preventing blockage by the tongue
Material: Polyethylene/ethylene vinyl acetate (EVA), Polyvinyl chloride (PVC), siliconized
The oropharyngeal airway has a curved, flattened part with an oval aperture
Semi-rigid, transparent, colourless, autoclavable
Size: N°5 adult large, length: 100 mm, inner Ø: 5.0 mm
The distal end (i.e. the pharyngeal extremity) is curved with soft rounded edge
The proximal end (i.e. the buccal extremity) is straight and reinforced
The flange of the airway must be marked with a number corresponding to its size
Unit presentation: one Guedel tube, not sterile, reusable

ood1615  TUBE, rectal, CH 22, disposable

Material: transparent PVC
Length: 40 mm
Closed round tip
2 eyes

1616   TUBE, rectal, CH 26, disposable
Material: transparent PVC
Length: 40 mm
Closed round tip
2 eyes

1617 TUBE, SUCTION, CH 08, 51 cm, straight, sterile, disposable

Single channel translucent tube fitted with conical connection
Material: Polyvinyl chloride (PVC)
Distal end: open, straight (may be slanting or conical), with side openings, 2 lateral windows
Proximal end: fitted with a conical connector, enabling tube to be connected to a source of vacuum (syringe with conical end, suction device etc.)
Packaging: must be supplied in sterilized peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use
Other requirements: should conform to ISO standard

1618 TUBE, SUCTION, CH 10, 53 cm, straight, sterile, disposable

Single channel translucent tube fitted with conical connection
Material: Polyvinyl chloride (PVC)
Distal end: open, straight (may be slanting or conical), with side openings, 2 lateral windows
Proximal end: fitted with a conical connector, enabling tube to be connected to a source of vacuum (syringe with conical end, suction device etc.)
Packaging: must be supplied in sterilized peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use
Other requirements: should conform to ISO standard

1619 TUBE, SUCTION, CH 12, 51 cm, straight, sterile, disposable

Single channel translucent tube fitted with conical connection
Material: Polyvinyl chloride (PVC)
Distal end: open, straight (may be slanting or conical), with side openings, 2 lateral windows
Proximal end: fitted with a conical connector, enabling tube to be connected to a source of vacuum (syringe with conical end, suction device etc.)
Packaging: must be supplied in sterilized peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number,
expiry date by year and month, "for single use", CE + number; product description, instruction for use

**Other requirements:** should conform to ISO standard

### 1620 TUBE, SUCTION, CH 14, 53 cm, straight, sterile, disposable

Single channel translucent tube fitted with conical connection
Material: Polyvinyl chloride (PVC)
Distal end: open, straight (may be slanting or conical), with side openings, 2 lateral windows
Proximal end: fitted with a conical connector, enabling tube to be connected to a source of vacuum (syringe with conical end, suction device etc.)
Packaging: must be supplied in sterilized peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use", CE + number; product description, instruction for use

**Other requirements:** should conform to ISO standard

### 1621 TUBE, SURGICAL SUCTION PUMP, 10 mm diam, silicone, autocl., 10 m

To fit to the electric suction pump
Should not collapse due to vacuum
External diameter approx 10 mm
Internal diameter: 6 mm
Length 10 m

**To be used with:** CONNECTOR, fingertip
SUCTION UNIT, electric, 1 bottle, 1 ltr, autoclavable

### 1622 TUBE, SURGICAL SUCTION PUMP, 15 mm diam, silicone, autocl., 10 m

To fit to the electric suction pump
Should not collapse due to vacuum
External diameter approx 10 mm
Internal diameter: 11 mm
Length 10 m

**To be used with:** CONNECTOR, fingertip
SUCTION UNIT, surgical, electric, 2 bottles 5 ltr, complete

### 1623 TUBE, WENDL, NASOPHARYNGEAL airway, No 18
Nasopharyngeal airway, Wendl pattern,
With adjustable flange
Size: CH 18
Material: Latex-free
Packaging: sterile, individual packing for single use

1624 TUBE, WENDL, NASOPHARYNGEAL airway, No 22

Nasopharyngeal airway, Wendl pattern,
With adjustable flange
Size: CH 22
Material: Latex-free
Packaging: sterile, individual packing for single use

1625 TUBE, WENDL, NASOPHARYNGEAL airway, No 24

Nasopharyngeal airway, Wendl pattern,
With adjustable flange
Size: CH 24
Material: Latex-free
Packaging: sterile, individual packing for single use

1626 TUBE, with swab transport medium, sterile

Used to transport bacterial specimen to a referral laboratory for diagnostic confirmation and bacterial sensitivity test
Transport medium preserves aerobic bacteria present in the sample
Components:
- Tube with adhesive label
- Swab
- Transport medium
Material:
- Tube: Polypropylene
- Swab: Cotton tip on wooden or PP stick
- Transport medium: “Amies” agar gel semi-solid agar
Sterile, single use only
Storage: keep between 2-8°C
Packaging: must be supplied in sterilised peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, “for single use”. CE + number, product description, instruction for use

1627  TUNIC, SURGICAL, reusable, cotton, size L

Tear proof tunic with low and cut-out neck, flat side pockets with rounded corners and short sleeves
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: blue or green
Size L:
  - Length: 73 cm
  - Chest measurement: 102-105 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit

1628  TUNIC, SURGICAL, reusable, cotton, size M

Tear proof tunic with low and cut-out neck, flat side pockets with rounded corners and short sleeves
sleeves
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: blue or green
Size M:
- Length: 69 cm
- Chest measurement: 93-97 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit

1629 TUNIC, SURGICAL, reusable, cotton, size S

Tear proof tunic with low and cut-out neck, flat side pockets with rounded corners and short sleeves
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: blue or green
Size S:
- Length: 64 cm
- Chest measurement: 82-85 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit

1630 TUNIC, SURGICAL, reusable, cotton, size XL

Tear proof tunic with low and cut-out neck, flat side pockets with rounded corners and short sleeves
Material: woven cotton 100%
Weight per m²: minimum 145 g
Colour: blue or green
Size XL:
- Length: 77 cm
- Chest measurement: 110-115 cm
Washing: normal, withstands boiling and autoclaving, resists to chlorine 0.5%
Packaging: protected in a plastic bag, single or multiple unit

1631 ULTRA SOUND BASIC UNIT, with convex probe 3.5 Mhz

Portable appliance for diagnostic imaging in obstetrics, gynaecology, paediatrics and general surgery
High performance, heavy duty, portable ultrasound system main unit
Compact, lightweight and easy to carry
- Size approx: W 29 x H 32 x D 25 cm
- Weight: 10 kg
Monitor with screen: uncomplicated controls, straight forward operation
Scanning method: electronic convex sector, electronic linear
Imaging display modes: B, dual B, M, B and M
Imaging technologies: dynamic frequency imaging, multi-stage focusing, aperture control
Image grey-scale: 64 levels
Depth range selection: convex sector image and linear image, 3 steps
Image orientation: lateral and vertical inversion (in B mode) measurement and analysis
Caliber control: trackball
On B-mode image: distance, area and circumference by ellipse or trace method, volume,
ratio, gestational age, fetal weight, angle
Gestational table: user programmable
On M-mode: velocity, time interval, depth, heart rate, LV function
Characters and graphics:
- Patient information, annotation area, body mark display
Automatic display:
- Date and time, focal point setting, image orientation mark, image scrolled position, distance scale mark
- M-mode time mark, grey scale for calibration
- Automatic display selectable On / Off: gain setting, near gain setting, far gain setting, probe frequency, puncture guide line
Viewing monitor: 7-inch diagonal monitor with non-reflexion filter
Video output: 625 lines / frame

To be supplied with:
- 1 electronic convex sector probe, standard (frequency 3.5 MHz, scanning angle 60°, radius 60 mm)
- 1 Linear probe, paediatrics (frequency 5 MHz, scanning wide 64 mm)
- 1 Foot switch for freezing picture
- 1 Video printer
- 10 rolls of spare paper
- 1 Trolley on castors
- 1 Ultrasonic gel 5 L canister
- 1 Dispenser for Ultrasonic gel

Environmental requirements:
- In operation: temperature -10 to +40°C, relative humidity (30 to 85% non condensing)
- In storage: temperature -10 to +50°C, relative humidity (10 to 90% non condensing)

Other requirements:
meets WHO specifications concerning EUG (ultrasound for general use)
In conformity with Council Directive 93/42/EEC on Medical Devices and have a CE + Nr marking
Complies with IEC 601-1 Class1, type BF

1632 UNDERPAD, SHEET, disposable

Used to protect the bed linen from body fluids
Like 'Moltex Molinea'
With rubber-like surface on the lower part, waterproof
Fleece layers (8 layers) on the top
Size: 60 x 90 cm
Liquid absorption: 1590ml ± 10%
Disposable, non sterile
Packaging: carton, no. of units displayed on packaging

1633 URINAL, male, 1 liter, plastic, with lid, autoclavable

Container to collect urine from male patient confined in bed
Transparent vessel, neck shaped, with lid
Volume up to 1000 ml, 100 ml graduation
Autoclavable up to 130°C
Material: Polycarbonate
1634 VACUUM EXTRACTOR, OBSTETRICAL, manual

An alternative to obstetric forceps, only for experienced medical personnel
Manual vacuum extractor with suction cups by Malmström
Hand-operated pump
Must be easy to use and to assemble
Can be totally disassembled, is easy to clean, disinfect and sterilize
All parts autoclaved at 121°C-134°C, except basket
All parts manufactured from high-strength, long-life materials and require no special maintenance or storage conditions
Consisting of:
- 1 Suction cup 40mm opening diameter, complete with traction handle, stainless steel
- 1 Suction cup 50mm opening diameter, complete with traction handle, stainless steel
- 1 Suction cup 60mm opening diameter, complete with traction handle, stainless steel
- 1 Vacuum pump hand-operated, stainless steel with valve membrane and washer
- 1 Rubber plug with 3 holes for vacuum gauge and connector angles
- 1 Connector angle, stainless steel
- 1 Connector angle with screw valve, stainless steel screw cap and gasket
- 1 Vacuum gauge (bar/ in Hg -0/-1.0, 0/-30) with straight connector, stainless steel
- 1 Vacuum bottle, glass
- 1 covered basket, plastic, for bottle
- 1 Tube, silicone transparent (OD 11 mm I D 6 mm) (L) 50cm for pump

Other requirements: must be in conformity with Council Directive 93/42/EEC on Medical Devices and have CE Marking
1635 VASELINE

Vaseline is used to seal the cover slip air tight on the slide with the blood mixture to examine sickle cells
100% vaseline according German Pharmacopoeia 7
Packaging: plastic container or tube

1636 WALL VIEWER, X-RAY FILMS, 50 x 78cm, complete

X-ray wall viewer or wall X-ray illumination, used to visualise developed X-ray film in X-ray department or operation theatre
Cabinet body
Wall mounting: rear panel has keyhole opening for toggle bolts
Material:
- Extruded PVC and injection-moulded ABS, rear panel in epoxy coated steel (10/10)
Light source:
- 4 straight daylight fluorescent tubes 15 W
- colour temperature: 6500 Kelvin
- Light intensity: uniform central point 3000 Cd/m2 (comply with EN 6586)
- minimum: 1300 Cd/m3
- Colour temperature tubes: 3600 - 4000°Kelvin minimum
- fluorescent "daylight" type
Light control: ON/OFF switch with lighted indicator or by shielded dimmer for variable intensity
Diffusing panel:
- Viewing area: approx. 76 x 45 cm (Minimum: 72 x 43 cm)
- Material: screen cast acrylic sheet (Plexiglass), white opal/semi-translucent
- 3 mm thickness.
Sliding clip: transversal, adjustable by cursor for film support
Nylon wire
Film grip:
- with a band of colour
- Material: chromed metal roller
Base trip: holds films at base
Power supply cable: standard, 2 poles + ground, at least 2 m long
Dimensions:
- External dimension: L/H/D: approx. 78 x 50 x 11 cm (Minimum: 75.5 x 51 x 11 cm)
Other requirements: Electrical component conform to EN 60598-1 and 60601-1,2

1638 WARMER, FEEDING BOTTLE, electric
A portable baby bottle warmer that will safely warm bottles and baby food
Thermostatically controlled
For standard and wide neck bottles and containers of baby food
Other requirements: conforms to BS EN 60335-2-15

1639 WATCH GLASS DISH
Circular, slightly convex-concave piece of glass used as a surface to evaporate a liquid, to hold solids while being weighed, or as a cover for a beaker
Diameter: 5 cm
Packaging: protective bubble foil

1640 WEIGHT FOR HEIGHT TABLE
Screening table, indicating height and weight relationship
To be put up on the wall
Unicef/WHO standard

1641 WHEELCHAIR, foldable, adult size with solid tyres
Frame constructed from chrome-plated steel tube
Seat and back in reinforced nylontex
With armrests
Detachable clothes guards
Detachable folding footplates
Solid tyred rear propelling wheels, Ø 570 mm
Solid tyred castors wheels, Ø 210 mm
Seat width: 450 mm
Seat depth: 400 mm
Weight Capacity: 150 Kg

1643 WHITE BOARD, approx. 110 x 70 cm
Dry erase reusable writing surface
Full-length marker rail on bottom side with protective plastic end caps
Lightweight construction
To be used with: MARKER, for white board, various colours
1644  CLOTH, Microfibre, for surface cleaning

Safe to use and highly effective on all surfaces
Washable up to 300 times at temperatures up to 90°C
Size: approx. 30 x 50 cm

1645  WIRE, KIRSCHNER, 1.60 mm x 310 mm

1646  WIRE, KIRSCHNER, 2.00 mm x 310 mm, double trocar point

1647  X-RAY CASSETTE HOLDER, floor stand

Cassette holder for upright patient examination for cassettes up to a length of 50 cm
Adjustable height of the cassette position
Free standing
Dismountable construction

1649  X-RAY UNIT, BASIC, MOBILE, 40 mA

Basic mobile X-ray unit used in emergency situation and in field hospital
For extremities and chest X-Rays
Like: Siemens POLIMOBIL III
A simple procedure allows the unit to be easily assembled/disassembled by non-technical
The operating console and the X-ray tube can be removed from the mobile base.

X-Ray generator and Controls:

Main voltage:
- 230V+/−10% 50/60 Hz, fuse 10 A
- 110V+/−10% 50/60 Hz, fuse 15 A

Internal line impedance: Max. 0.9 ohms at 230 V
Max. 0.3 ohms at 110 V

Output: 2.5 kW (according to EN /DIN 6822)

Wave shape: Multi pulse, max 5kV ripple

KV range: 40 - 100 kV in 21 steps
mA-range: 25 - 40mA
mAs-range: 0.32-200 mAs in 29 steps
- 0.5-200mAs at 40 kV
- 0.4-125mAs at 52-57 kV
- 0.32-125mAs at 60-63 kV
- 0.32-100mAs at 66-77 kV
- 0.32-80mAs at 81 - 100kV

Shortest exposure time: 8 ms
Max exposure time: 5 s

Length of power cord: approx 5 m

Tube housing assembly

Working conditions:
- Temperature: +10° to ° 40°
- Humidity 30 to 80%
- Atmospheric pressure: 700hPa to 1060hPa

Warranty:
- For 12 months from the date of installation or 15 months from the invoice date, whichever comes first

Transport and storage
- Temperature: -20°C to + 70°C
- Humidity 10 to 100%
- Atmospheric pressure: 500hPa to 1060hPa

Total net weight: approx 142.00kg

Packaging: Wooden crate

Other requirements: conform to EN 60601-1 and EN 60529

To be supplied with: 2 sets of spare fuses
1650 **ALARM CLOCK analog, 1min-60min**

Mechanical timer with ringer for timing staining techniques, biochemistry tests etc. Interval 1 to 60 minutes

![Image of an alarm clock](image-url)

1651 **(d.redon) NEEDLE, CH 14, straight, bent tip, autocl., reus.**

To insert the drain into the body
Material: stainless steel
19 cm long
Distal end: triangular point for insertion
Threaded proximal end to attach the drain
Non sterile, autoclavable

1652 **BLOOD BAG, CPD Adenine, 250 ml, simple**

For collecting blood from the donor, storage and transfusion (using a blood giving set)
With blood sample plug
Material: Di-ethylhexyl phthalate (DEHP) plasticized PVC
Volume of CPDA per bag: 35 ml / 250 ml
Blank label for essential data
Sterile
Packaging:
- Sterile sets in aluminium foil
- Airtight wrapping
- Protection against light
Labeling:
- Type and quantity of anti-coagulant
- Capacity of bag
- Expiry date and batch number

**To be used with:** BLOOD GIVING SET (transfusion)

**Other requirements:** Conforms to ISO 3826
1653 (dermatome, electric) BLADE

sterile
To be used with: DERMATOME, electric, complete set

1654 SET, SKIN GRAFT MESHER, incl. mesh carriers, various sizes

Components:
- feed roller
- cutting roller
- guidance plateau
- ratchet handle
- Allen wrench
- stainless steel case
Can be sterilized
To be supplied with: 1 x Mesh carrier 1,5:1
2 x Mesh carrier 3:1
2 x Mesh carrier 6:1
1 x Mesh carrier 9:1
To be used with: DERMATOME, electric, complete set

1655 CONNECTOR, fingertip

Used for fingertip control of the suction drainage flow of residues and fluids
To be used with: TUBE, SURGICAL SUCTION PUMP, 10 mm diam, silicone, autoclavable, 10 m
TUBE, SUCTION, CH various, 51 cm, straight, sterile, disposable
1656  TEAT, PIPETTE FILLER, rubber, for pipettes up to 10 ml
Rubber ball which is fitted to a glass pipette in to draw fluid
Suitable for up to 10 ml glass pipettes

2000  X-RAY FILM, 24 cm x 30 cm, blue sensitive
X-ray film, blue sensitive, normal sensitivity and high contrast, can be used for manual development and with 90-second machine processing
Packaging:
- 100 sheets/box
- In accordance with IATA rules
- Clear and explicit instructions on the label as well as expiry date and storage conditions

2001  X-RAY FILM, 30 cm x 40 cm, blue sensitive
X-ray film, blue sensitive, normal sensitivity and high contrast, can be used for manual development and with 90-second machine processing
Packaging:
- 100 sheets/box
- In accordance with IATA rules
- Clear and explicit instructions on the label as well as expiry date and storage conditions

2002  X-RAY FILM, 35 cm x 43 cm, blue sensitive
X-ray film, blue sensitive, normal sensitivity and high contrast, can be used for manual development and with 90-second machine processing
Packaging:
- 100 sheets/box
- In accordance with IATA rules
- Clear and explicit instructions on the label as well as expiry date and storage conditions

3000  ASL-Titre complete with pos.& neg. control
Principle of Latex test to detect or semi-quantify Antistreptolysin 0 in human serum by means of particle-enhanced rapid screening test
Components:
- Suspension of polystyrene particles coated with streptolysin 0,6 ml
Positive control 0.5 ml and negative control 0.5 ml
- test plate, black
Storage: Cold chain, keep refrigerated between 2-8°C
Do NOT freeze
Expiry date is printed on the bottle label

3001 CRP Rapid test

The CRP test is a 2-minute Point of Care test to indicate bacterial or viral cause of infection
CRP measures C-reactive protein (CRP), an acute phase protein that increases rapidly after onset of infection
The kit consists of reagents, reaction containers, CRP test cards and colour template
Expiry date is printed on the test kit

3002 HEPATITIS B TEST, rapid

Qualitative rapid test for detecting the hepatitis B surface antigen
Principle is based on a sandwich immune-chromatographic technique
Used for screening blood donors
Components:
- 20 devices
- Case buffer: 2ml
- 20 pipettes
- One step test
Reaction time ± 10 min
Can be performed on serum, plasma and whole blood
Sensitivity 99%
Specificity: 100%
Internal control included
Storage: At room temperature
Expiry date is printed on the test kit

3003 HEPATITIS C TEST

Qualitative rapid test for detecting antibodies against hepatitis C (HCV)
The test is using recombinant antigens derivated from virus sequences
The presence of antibodies is revealed by the adjunction on the conjugate of which the linkage with the antibody on the antigen will create a red colouration on the membrane
Used for the screening of blood donors
Components:
- HCV single devices
- Non reactive control conjugate
- Weak reactive control conjugate
- Strong reactive control conjugate
- Diluents
- Blocking buffer
- Wash buffer 1 and 2
- Stop solution
- Sample pipettes
- Reagent pipettes
6 steps test with additional stages for reagents
The bottles with buffer, washing and stop solution are clearly identifiable
Internal control included
Sensitivity: 100%
Specificity: 93.7%
Storage:

No long exposure to heat
Unopened kit: store at coolest and driest area
Open kit: store between 2-8°C
The reconstituted controls remain stable for 6 months between 2-6°C and 1 month at room temperature
The reconstituted conjugates remain stable for 1 month between 2-8°C and 5 days at room temperature
Expiry date is printed on the test kit

3004   HIV TEST 1 + 2, rapid

Simple rapid qualitative test for detecting antibodies against HIV 1+2
Lateral migration test, based on sandwich immune-chromatographic technique
Used as confirmatory test
With buffer to test capillary blood
Single strips
Duration of procedure about 15 min
Antigen: recombinant proteins and synthetic peptides
Sensitivity: 100%
Specificity: 99.7%
Internal control included
Performance in whole blood, serum and plasma
Storage: No long exposure to heat, at room temperature (2 to 30° C)
Expiry date is printed on the test kit

3005   MALARIA P. FALCIPARUM TEST, rapid

Rapid, qualitative, two site sandwich immunoassay for the determination of P. falciparum specific histidine rich protein - 2 (Pf. HRP-2) in whole blood samples
Components:
Buffer
Test strip
Rapid test: 15 – 20 min
Storage: +2 to +30 ° C, do not freeze
Important: When transporting or storing the packages, avoid exposure to high temperatures (over +40 C) for a period longer than 1 day
Avoid any exposure to +60 C and higher (the reagent may be damaged)
Expiry date is printed on the test kit

3006   PREGNANCY TEST

One step rapid qualitative test for detecting the HCG pregnancy hormone (human chorionic gonadotrophin) in urine
Single trop
Minimal sensitivity: 25 mIU/ml
Test without any additional reagent
Storage: 15 – 25° C
Expiry date is printed on the test kit
3007  **SYPHILIS RPR TEST (carbon test)**

Rapid non-treponemal test for detection of syphilis
RPR (Rapid Plasma Reagin) test using a VDRL antigen combined with carbon particles
Used for screening of blood donors

Components:
- Antigen VDRL carbon
- Positive and negative controls
- Dropper bottle and needle
- Reaction cards for manual reading

Sensitivity 70-80%
Storage: Cold chain; keep refrigerated between 2-8°C, do NOT freeze
Expiry date is printed on the test kit

3008  **URINE TEST, 1 strip, Leu/ni/pH/prot/gluc/ket/urobil/bili/blood**

Test used for determination of 9 parameters in urine: leucocytes, nitrites, pH, protein, glucose, ketone, urobilinogen, bilirubin and blood/haemoglobin

Components:
- Plastic box with 9 colorimetric charts
- Disposable strips

Each strip with 9 reactive pads which change color according to the concentration of substances in urine
Colorimetric chart giving semi-quantitative results: -; ±; +, ++, ++++, mmol/l and mg/dl
Storage: At room temperature (2-30°C), protected from light and humidity
Expiry date is printed on the box

3009  **URINE TEST, 1 strip, prot/gluc/pH**

Test used for determination of 3 parameters in urine: protein, glucose and pH

Components:
- Plastic box with 9 colorimetric charts
- Disposable strips

Each strip with 9 reactive pads which change color according to the concentration of substances in urine
Colorimetric chart giving semi-quantitative results: -; ±; +, ++, ++++, mmol/l and mg/dl
Storage: At room temperature (2-30°C), protected from light and humidity
Expiry date is printed on the box

3010  **PANDY’S REAGENT (Protein in Liquor)**

Used to examine protein in CSF
Dangerous Goods Regulations (DGR):
Phenol solution
Clear colorless liquid
T=Toxic substance
Risk statements: R24/25-34
Safety statements: S26/36/37/38/45
Storage: tightly closed bottle, well ventilated area and cool storage (< 15°C)
Packaging: glass or plastic bottle, protective wrapping
Packaging class VCI 6.1
Packing group II, instruction 6.1 JATA
3011 BUFFER, pH 7.2, 1 tab./1000ml

Used to dilute staining solutions e.g. Giemsa Stain for haematological staining (blood smears) and for blood parasitology (malaria smears)
Packaging: container with 100 tablets

3012 ETHANOL 99%, denatured with 1% MEK p.A.

Alcohol used to prepare certain reagents
Coloured liquid
Dangerous Goods Regulations (DGR):
Risk statements: R11
Safety statements: S7/16
Packaging:
  - 1 litre glass or plastic bottle
  - Packing group II
  - Instructions 305 (JATA) JATA UN1170
  - IMDG 3.2/II
  - ADR 3/3b
Labeling:
  - Identification label in English with the number UN1170
  - Handling label should indicate ‘up’, ‘down’ in black writing (minimum mm) on the sides
  - Primary danger label, class 8 label ‘Corrosive 8’ (minimum 100 x100 mm ) on one side
  - Secondary danger label, class 3 ‘flammable liquid 3’, (minimum 100 x 100 mm ) on one side

3013 GIEMSA solution

The Giemsa solution should always be diluted (in buffered water pH 7,2) to stain thick and thin blood films
Dangerous Goods Regulations (DGR):
  - F=Highly flammable substance
  - T=Toxic substance
  - Risk statements: R11/23/24/25/39
  - Safety statements: S3/9/16/28/33/35/36/37/45
Rapid stain solution
Giemsa (improved recipe azure 1) glycol, Methanol
Storage: Protected from light and humidity
Expiry date on the bottle
Packaging: in 500 ml bottle, plastic or glass
  - Packaging group II
  - Instructions 305 (JATA)
  - JATA UN992
  - IMDG 3.2/II
  - ADR 3/19b

3014 GRAM COLOR, complete staining set (500ml)

Gram color staining set is used to stain bacteria. Most bacteria can be distinguished by their gram reaction, due to differences in their cell wall structure in two groups: gram positive
bacteria are stained deep violet; Gram negative bacteria are stained red
Like 'Merck No. 111850001'
This gram color staining set includes 4 different chemicals ready-to-use solutions for Gram stain:
− S1 Oxalate violet crystal
− S2 Lugolís Iodine
− S3 (+4 depends on company) Decolorizing agent (ethanol)
− S5 Safranine
Dangerous Goods Regulations (DGR):
− Xi=Irritant substance
− F=Highly flammable substance
− Risk statements: R11/40
− Safety statements: S3/9/16/33/35/36/37
Packing group II: Instructions 305 (JATA)
JATA UN1993
IMDG 3,2/II
ADR3/3b
Labeling: Identification label in English ‘ethanol’ and the number UN1170
Handling label should indicate ‘up’, ‘down’ in black writing (minimum 74x105 mm) on two opposite sides
Primary danger label, class 3; ‘Flammable liquid 3’ (minimum 100 x 100 mm) on one side
Secondary danger label class 6.1 ‘Toxic’ (minimum 100 x 100 mm) on one side
Expiry date on the bottle

3015 HYDROCHLORIC ACID, 1N

HCl-standard volumetric solution
1 mol/L (1 N Solution)
Clear colorless liquid
Category of danger irritant, slightly polluting substance
Risk statements: R36/37/38
Safety statements: S26
Storage class (VCI) 8B non flammable corrosive material
Packing and transport:
− Packaging group: III
− Air transport ICAO-TI and IATA-DGR:
− ICAO/IATA Class: 8
− UN/ID Number: 1789

3016 METHANOL pure Ph Eur

Used to fix smears and to prepare numerous reagents
The chosen quality ensures that smears are properly fixed
Dangerous Goods Regulations (DGR):
F=Highly flammable substance
T=Toxic substance
Safety statements: S7/16/36/37/45
Specifications: Liquid
Concentration at least 98%
Quality: Pure
Storage: At room temperature
Packaging:
- 1 litre glass or plastic bottle
- Packaging group II
- Instructions 305 (JATA)
- JATA UN1230
- IMDG 3.2/II
- ADR 3/17b

Labeling:
- Identification label in English with the number UN1230
- Handling label should indicate ‘up’, ‘down’ in black writing (minimum 74 x 105 mm) on two opposite sides
- Primary danger label class 3 ‘flammable liquid 3’, (minimum 100 x 100mm) on one side
- Secondary danger label, class 6.1: ‘toxic’ (minimum 100x100mm) on one side

3017 POTASSIUM HYDROXIDE, pellets, p.A.

Used for microscopically examination of specimens for dermatophytes (fungi) infection

Dangerous Goods Regulations (DGR):
C=Corrosive
Risk statements: R22/35
Safety statements: S26-36/37/39/45
Form: Solid.
Colour: Colourless
Storage: Tightly closed, dry

Packaging:
- Packing group II
- Instructions 814 (IATA).
- IATA UN1813
- IMDG 8/II
- ADR 8/II

Labeling:
- Identification label in English: ‘corrosive’ with the number UN1813
- Handling label should indicate ‘up’, down’ in black writing (minimum 74x105 mm) on two ‘opposite sides
- Primary danger label class 8: ‘corrosive’ (minimum 100x100mm) on one side

3018 TB COLOUR STAINING SET, complete

The Tb colour staining set is used to stain acid fast bacilli (TB-bacilli) in sputum specimen
When mycobacteria and Cryptosporidium oocysts are stained with hot strong fuchsin, they resist decolonization with a solution of acid or acid alcohol and stain red
This property is due to the presence of a waxy substance in the cell wall called mycolic acid
Everything else in the smear is decolorized by acid alcohol and demonstrated by the counter stain methylene blue
UN 2924
The TB-colour staining set consists of the following ready-to-use staining solutions:
- Solution 1: 500 ml Carbol Fuchsin Solution
- Solution 2: 2 x 500 ml Hydrochloric Acid Alcohol
- Solution 3: 500 ml Methylene Blue Solution

Quality for microscopy or bacteriology
Solution 1 (Carbol Fuchsin Solution):
Dangerous Goods Regulations (DGR):
- Xn Harmful substance
- Risk statements: R33
- Safety statements: S35

Packaging:
- In 500 ml brown glass bottles
- Packing group II
- Instructions 809 (JATA)
- JATA UN1789
- IMDG8/II
- ADR 8/5b

Labeling:
- Identification label in English with the number UN1789
- Handling Label should indicate ‘up’, ‘down’ in black writing
- (minimum 74 x 105mm) on two opposite sides

**Solution 2 (Hydrochloric Acid Alcohol):**

Dangerous Goods Regulations (DGR):
- C= corrosive substance
- Risk statements: R34/37
- Safety statements: S26/45

Packaging:
- In 500 ml brown glass bottles
- Packing group II
- Instructions 809 (JATA)
- JATA UN1789
- IMDG8/II
- ADR 8/5b

Labeling:
- Identification label in English with the number UN1789
- Handling Label should indicate ‘up’, ‘down’ in black writing
- (minimum 74 x 105mm) on two opposite sides

**Solution 3 (Methylene Blue Solution):**

No Dangerous Good

Packaging: in 500 ml brown glass bottle

3019 **FIELD STAIN A Colouring solution**

Field stain A & B are used to prepare the staining solution to stain thick and thin blood films for Malaria parasites or differential count

Field Stain A (buffered Azure 1, Methylene Blue, Cl-) powder

Protected from humidity

Packaging: Plastic or glass bottle

Expiry date on the bottle

3020 **FIELD STAIN B Colouring solution**

Field stain A & B are used to prepare the staining solution to stain thick and thin blood films for Malaria parasites or differential count

Field Stain B (buffered Eosin, Cl-) powder

Protected from humidity

Packaging: Plastic or glass bottle

Expiry date on the bottle
3021 TURK SOLUTION, for wbc count

Turk solution is used to count white blood cells (leucocytes)
Blue-violet liquid
Storage: Tightly closed at room temperature
Expiry date printed on the bottle
Packaging: glass bottle

3022 TUBE, BLOOD COLLECTION, 2.7 ml, with EDTA, polystyrene

Sterile (inside) tube designed to contain blood for haematology tests and blood transfusion
Like ‘Sarstedt Item No 05.1167’
Material: Polystyrene tube containing EDTA anticoagulant
Safe closed system
Non sterile, disposable
Expiry date printed on each tube
To be used with: (RefNo1080) BLOOD SAMPLING, MULTI-ADAPTOR Luer, for multiple sampling (Sarstedt Item No.14.1205)

3023 TUBE, BLOOD COLLECTION, 7.5 ml, Serum, polystyrene

Sterile (inside) tube designed to contain blood for haematology tests and blood transfusion
Like ‘Sarstedt Item No 05.1167’
Material: Polystyrene tube
Safe closed system
Non sterile, disposable
Expiry date printed on each tube
To be used with: (RefNo1080) BLOOD SAMPLING, MULTI-ADAPTOR Luer, for multiple sampling (Sarstedt Item No.14.1205)

3024 BLOOD SUGAR TEST STRIP

Glucometer test strips use to determine the blood glucose level
Storage condition: independent from refrigerator also in high temperatures
To be used with: (RefNo 1262) GLUCOMETER, battery operated

3025 (haemoglobinometer like "HEMOCUE201+") CLEANER SWABS

To be used with: (RefNo 1269) HAEMOGLOBINOMETER like "HEMOCUE201+", with transformer

3026 (haemoglobinometer 'Hemocue201+') MICROCUVETTE

Cuvette used to measure haemoglobin
Material: Plastic
Specification: Disposable micro cuvette with dried reagent.
Single wrapped
Packaging: depends on supplier
To be used with: (RefNo 1269) HAEMOGLOBINOMETER like "HEMOCUE201+", with transformer
3027 TUBE FOR ESR, 3.5 ml, citrated

Like ‘S-Sedivette’ (Sarstedt Item No. 06.1690.001)
Graduated
**To be used with:** (RefNo 1413) RACK, ESR RATE (Sarstedt Item No. 90.1090)

3028 ANTI-HUMAN GLOBULIN, COOMBS, 10ml, btl.

Reagent used for the direct and indirect antiglobuline test (Coombs) to detect antibodies (compatibility testing, blood transfusion)

Polyspecific reagent for detection of IgG and complement binding blood group antibodies by the direct (DAT) and indirect (IAT) antiglobulin tests
Contains anti-human IgG and anti-human C3d
Green reagent
Conservative agent: Sodium azide
Storage: Cold chain, keep refrigerated between 2-8°C, do NOT freeze
Expiry date is printed on the bottle label
Packing: 10 ml dropper bottle for about 150 to 200 tests

3029 BOVINE ALBUMIN , 22%, 10ml, btl

Reagent used for the compatibility testing at 37°C blood transfusions
Conservative agent: Sodium azide
Colourless reagent
Storage: Keep refrigerated between 2-8°C, do NOT freeze
Expiry date is printed on the bottle label
Packing: 10 ml dropper bottle for about 150 - 200 tests

3030 BLOOD GROUPING SERUM ANTI-A, MONOCLONAL, 10ml, btl.

Reagent (antiserum) used for blood group typing
Together with the other anti-sera anti-B and anti-AB it detects the presence of antigen A
Consists of monoclonal antibodies
Conservative agent: Sodium azide
Blue reagent
Storage: Cold chain, keep refrigerated between 2-8° C, do NOT freeze
Expiry date is printed on the bottle label
Packing: 10 ml dropper bottle for about 150-200 tests

3031 BLOOD GROUPING SERUM ANTI-(A+B), MONOCLONAL, 10ml, btl.

Reagent (antiserum) used for the blood group typing
Together with the other anti-sera; anti-A and anti-B it detects the presence of antigens A and B
Consists of monoclonal antibodies
Conservative agent: sodium azide
Colourless reagent
Storage: Cold chain, keep refrigerated between 2-8° C, do NOT freeze
Expiry date is printed on the bottle label
Packing: 10 ml dropper bottle for about 150-200 tests
3032  BLOOD GROUPING SERUM ANTI-B, MONOClonAL, 10ml, btl.

Reagent (antiserum) used for the blood group typing
Together with the other anti-sera; anti-A and anti-AB, it detects the presence of antigen B
Consists of monoclonal antibodies
Conservative agent: sodium azide
Yellow reagent
Storage: Cold chain, keep refrigerated between 2-8° C, do NOT freeze
Expiry date is printed on the bottle label
Packing: 10 ml dropper bottle for about 150-200 tests

3033  BLOOD RHESUS SERUM ANTI-D, IgM & IgG, 10ml, btl.

Reagent (antiserum) used for the blood group typing
Positive reaction with a drop of blood or red cells allows to detect the presence of antigen D
Components: Anti-D monoclonal Ig M & Ig G
Colourless reagent
Storage: Keep refrigerated between 2-8°C, do NOT freeze
Expiry date is printed on the bottle label
Packing: 10 ml dropper bottle for about 150 - 200 tests

3034  TEST FOR OCCULT BLOOD IN STOOL, Hemo FECÆ

Standard test to examine occult blood in stool specimen
Occult blood is one of the initial symptoms of intestinal cancer
Material: The package of hemo FECÆ consists of test slides and developer solution, containing H2O2 for the detection of occult blood in stool
It is a chromatographic guaiac test on occult blood
Qualitative test, results are obtained within 30 sec. after applying the developer solution
The result s in a blue quinine compound, detectable by visual examination
Packaging: 50 x 3 tests

3036  (analyser, dry chemistry, Reflotron), TESTSTRIPS BILIRUBINE

Dry chemistry to determine liver disease
Plastic strip with magnetic code to use exclusively for Reflotron
Packaging: 30 strips per unit
To be used with:  (RefNo 1019) ANALYSER, DRY CHEMISTRY

3037  (analyser, dry chemistry, Reflotron), CREATININE TEST STRIPS

Dry chemistry to determine renal function
Plastic strip with magnetic code to use exclusively for Reflotron
Packaging: 30 strips per unit
To be used with:  (RefNo 1019) ANALYSER, DRY CHEMISTRY

3038  (analyser, dry chemistry, Reflotron), TESTSTRIPS GOT

Dry chemistry to determine liver and heart disease
Plastic strip with magnetic code to use exclusively for Reflotron
Packaging: 30 strips per unit
**To be used with:** (RefNo 1019) ANALYSER, DRY CHEMISTRY

### 3039 (analyser, dry chemistry, Reflotron), TESTSTRIPS GPT

Specification: Dry chemistry to determine liver disease
Material: Plastic strip with magnetic code to use exclusively for Reflotron
Packaging: 30 strips per unit
**To be used with:** (RefNo 1019) ANALYSER, DRY CHEMISTRY

### 3040 (analyser, dry chemistry, Reflotron), PRECINORM U

Universal Control sera for dry chemistry analyser
Control product consisting of lyophilized human sera with constituents added as required to obtain desired component levels
Material: Lyophilized human sera
Universal control sera with normal levels
Package: bottle of 5 ml
**To be used with:** (RefNo 1019) ANALYSER, DRY CHEMISTRY

### 3041 BLOOD SUGAR CONTROL SERUM, bottle

Late expiry date: About 1 year
Storage condition: Independent from refrigerator
**To be used with:** (RefNo 1262) GLUCOMETER, battery operated

### 3042 FRAME FOR WASTE BAG, metal, with foot operated lid

Material: Metal
Dimensions: approx. 490 x 460 x 800mm (Width x Depth x Height)
With foot operated lid
**To be used with:** BAG, PE plastic, for garbage, 60 L, black, 0.02 mm
3043  NOTE PAD, A4, 50 sheet, ruled, white

3044  BLOOD SAMPLING, Multi-Sample Needle, G, 21G x 1 1/2

Material: Plastic
Safe blood collection system; single use
Packaging and labeling: each needle in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units

3045  KIDNEY DISH, large, 275x150x45mm, stainless steel

Kidney shape, non-sterile
Length: 27,5 cm
Width: 15 cm
Depth: 4,5 cm

3046  CLIP BOARD, 35 x35 cm, patient record support, aluminium
3047 BEAKER, POLYPROPYLENE OR PMP, 100 ml

Graduated container to measure liquids
Material: Polypropylene or PMP (TPX)
Beaker low form, graduated

3048 GOWN, isolation, non-sterile, nonwoven, yellow, M

Protective clothing worn over a scrub shirt/trouser in order to have protection for moderate contact with fluids
Specifications/norms according to DIN EN 14126, ISO22610 and ISO22612

Technical specifications:
Nonwoven (SMS or SMMS [Spunbond-Meltblown-Spunbond])
Impervious supplementary protection layer (polyethylene film, nonwoven, etc.) in the critical zones (chest area and forearms)
Wraparound (not over the head)
Long sleeves
Cuffs made of elastic jersey
Latex-free

Dimensions:
Comes in 3 sizes: M/Universal, Large and XLarge

Length (shoulder seam to mid calf):
size M: ± 110 cm
size L: ± 136 cm
size XLarge: ± 145 cm

3048a GOWN, isolation, non-sterile, nonwoven, yellow, L

3049 GOWN, isolation, non-sterile, nonwoven, yellow, XL

Specifications according to 3048

3050 TABLE, X-RAY

Collapsible X-ray table for transportation, fixed height for various Digital Radiographic uses.
Table with laminated, radiolucent top, locking casters on front wheels, large wheels. Easy to
clean and disinfectant proof. Patient Weight Capacity: 440 lbs (200kg)

Max. Size:
Max. Weight:

3051 PEDESTAL FAN, 230V, 40W

Material: metal and plastic
Fan diameter: approx. 40 cm
Height: 135 cm

3052 HANG HOOK, for ladders

Hang hook for ladders to hang e.g. buckets
Material: metal
Size: approx. 19,4 x 17 x 7,8 cm

Jun-21 297/399
3053 LADDER, multi-use, aluminium, 16 steps, 5m, w/ footstep

Material: aluminium
Weight: approx. 16 kg
Height/length max.: approx. 5 m
Height as ladder stand: approx. 2,4 m
Height as scaffolding: approx. 1,4 m
Steps: 4/4/4/4

With footstep to hinge
With 2 x traverse to improve stand and safety

3054 Reflotron Applicator

Pipetting aid for holding and draining disposable capillary pipettes (ringcaps® for Reflotron®), with ejection mechanism and replaceable adapter.

3055 BRUSH, SCRUB, long and adjustable handle, nylon bristles

For cleaning rubber boots
Material:
- Body: polypropylene (should not be in wood)
- Bristles: nylon
Handle length: adjustable between 50 and 100 cm
Brush width: approx. 13,5 x 5 cm
Soft bristles
Non-sterile
3056  **BRUSH, SCRUB, for boots, nylon bristles**

For cleaning rubber boots  
Mounted on metal frame  
**Material:**  
- Body: polypropylene (should not be in wood)  
- Bristles: nylon  
Soft bristles

3057  **THERMOMETER FOR ROOM TEMPERATURE**

Room Temperature Wall Thermometer  
It can be used in or outdoors.  
Easy-to-read Celsius and Fahrenheit temperature readings  
Durable and accurate  
3058  **FIRST AID BANDAGE CLOTH DIN 13152 - A**

60x80cm
for all large wounds
Individually sterile packed

3059  **Cotton Wool Roll 500g**

100% cotton
No fleecing
Easy to unroll and separate
Size: 500g/roll
Individually pack with blue draft paper or in plastic bag

Available in 500g.

3060  **TUBE, WENDL, NASOPHARYNGEAL airway, No 26**

Nasopharyngeal airway, Wendl pattern,
With adjustable flange
Size: CH 26
Material: Latex-free
Packaging: sterile, individual packing for single use
3061 TUBE, WENDL, NASOPHARYNGEAL airway, No 28

Nasopharyngeal airway, Wendl pattern,
With adjustable flange
Size: CH 28
Material: Latex-free
Packaging: sterile, individual packing for single use

3062 DRAIN, THORACIC, CH 24, straight, 50 cm, sterile, disposable

Material: transparent medical Polyvinyl chloride (PVC)
Kink-resistant smooth
Length: 50 cm
Radio-opac broken line (Sentinel line): broken at the first proximal eye (Sentinel eye)
Numerical graduations: every 2 cm
Eyes: 6 lateral, atraumatic (holes)
Distal end/tip: atraumatic. round end, open
Proximal end/tip: bevelled for atraumatic tissue crossing
Diameter: 8.0 mm
Packaging: 1 catheter, sterile, disposable
Must be supplied with double packaging: one interior layer plus sterilised peel pack
Labeling should mention: name and/or trademark of the manufacturer, sterile, lot number, expiry date by year and month, "for single use". CE + number; product description

Other requirements: Manufacturer has to be ISO certified: ISO: 9001/EN46001 or ISO 9002/EN 46002, class Ila

3063 BLOOD SAMPLING, Multi-Sample Needles, 20G 0,9 x 38mm

Material: Plastic
Safe blood collection system; single use
Packaging and labeling: each needle in sterile peel pack, should mention exp date, lot number, items description, size, type of sterilization, manufacturer name, ref number, CE + Nr, protective carton packing with same information and no. of units
3064 OXYGEN AEROSOL MASK, for adults, Venturi-set, disposable

Oxygen breathing mask for adults
With squeeze-free connection hose
Incl. 6 valves for concentrations
For 24%, 28%, 31%, 35%, 40% and 50%
Aerosol mask with connecting hose
Length: 2,1m / 7 feet
Latex free
With rubber band and nose clip
Color: transparent / clear
Non-sterile packaging

3065 SWAB, Flexible Minitip (Nasopharyngeal) Flocked, with 100mm Breakpoint

with 3 mL UTM liquid transport medium in 100mm tube
Individually Packaged
Sterile
3066  SWAB, Regular Flocked (Oropharyngeal), with 100mm Breakpoint

with 3 mL UTM liquid transport medium in 100mm tube
Individually Packaged
Sterile
4000 PEN, FELT TIP, fine, SET, permanent, overhead projector, 4 colours

4001 BUCKET, plastic, without lid, 5L

Specifications:
- Heavy-duty plastic, round bucket
- Carrying capacity 5 kg
- With metal handle
- Stacking possibilities to lower transport costs
- Strong and durable quality for a long life span in tough conditions.

Material:
- Plastic
4002 COOKING POT, 2L, with handles and lid
Cooking pot, 2l
Cooking pot with handles and lid
Capacity: 2-3 L
Material: anodised Aluminium or stainless steel

4003 HOTPLATE, single, 230V
Electrical single hot plate
Specifications: Electric Single Hot Plate with Automatic Safety Shut-off
and Adjustable Temperature Control and CE approved
Power: 1300 - 1500 W
Voltage: 230V

4004 LIGHTER

4005 Kitchen paper tissue
KIT, WATER LAB TEST, bacteriologic, + accessories, Delagua

The DelAgua kit is designed to carry out five basic tests to measure the quality of drinking water: Ecoli, turbidity, free chlorine, total chlorine and ph. The kit is designed for the use in the field.

Specifications
- Dimensions: 370 x 140 x 260mm
- Weight: Approx 10kg
- Incubator: Temperature 44°C, power 12v (internal battery-charger supplied), capacity 16 x 47mm petri dish
* The kit is supplied with consumables for 200 tests.

Equipment List
- DelAgua single incubator (44°C) test kit with consumables for 200 tests.
- Conductivity meters
- Steriliser kits
- Turbidity tubes
- Comparitor (chlorine and PH) - pool tester type
- Chlorine testing and PH testing meters

Consumables
- DPD No. 1 tablets - for residue chlorine testing
- DPD No. 3 tablets - for total chlorine testing
- Phenol red tablets - for PH testing
*Membrane Filters & Pads (x200)
*Culture Medium (38.1g tub)

SYRINGE, 2 ml, 2 parts, disposable

Material: Clear polypropylene (medical grade) or polyethylene, transparent enough for easy reading and air bubbles detection
Specifications: Barrel, cylindrical with easy-to-read, clear and water resistant graduations scale, ended by a conical male Luer Connection
Plunger: must give a proofed seal
Unit presentation: one syringe, single use, sterile, individual peel packs made of paper
and/or plastic
Labelling: Exp date, lot number, items description, needle size, multilingual, type of sterilization, manufacturer name, ref number, CE + Nr
Packaging: Protective packaging: carton, same labelling as unit presentation + total quantity.
Other Requirements: Must order needle
Conforms to EN-ISO7886-1 and EN-ISO20594-1 standards

4008 SYRINGE, 5 ml, 2 parts, disposable

Material: Clear polypropylene (medical grade) or polyethylene, transparent enough for easy reading and air bubbles detection
Specifications: Barrel, cylindrical with easy-to-read, clear and water resistant graduations scale, ended by a conical male Luer Connection
Plunger: must give a proofed seal
Unit presentation: one syringe, single use, sterile, individual peel packs made of paper and/or plastic
Labelling: Exp date, lot number, items description, needle size, multilingual, type of sterilization, manufacturer name, ref number, CE + Nr
Packaging: Protective packaging: carton, same labelling as unit presentation + total quantity.
Other Requirements: Must order needle
Conforms to EN-ISO7886-1 and EN-ISO20594-1 standards

4009 SYRINGE, 10 ml, 2 parts, disposable

Material: Clear polypropylene (medical grade) or polyethylene, transparent enough for easy reading and air bubbles detection
Specifications: Barrel, cylindrical with easy-to-read, clear and water resistant graduations scale, ended by a conical male Luer Connection
Plunger: must give a proofed seal
Unit presentation: one syringe, single use, sterile, individual peel packs made of paper and/or plastic
Labelling: Exp date, lot number, items description, needle size, multilingual, type of sterilization, manufacturer name, ref number, CE + Nr
Packaging: Protective packaging: carton, same labelling as unit presentation + total quantity.
Other Requirements: Must order needle
Conforms to EN-ISO7886-1 and EN-ISO20594-1 standard
4010 SYRINGE, 20 ml, 2 parts, disposable

Material: Clear polypropylene (medical grade) or polyethylene, transparent enough for easy reading and air bubbles detection
Specifications: Barrel, cylindrical with easy-to-read, clear and water resistant graduations scale, ended by a conical male Luer Connection
Plunger: must give a proofed seal
Unit presentation: one syringe, single use, sterile, individual peel packs made of paper and/or plastic
Labelling: Exp date, lot number, items description, needle size, multilingual, type of sterilization, manufacturer name, ref number, CE + Nr
Packaging: Protective packaging: carton, same labelling as unit presentation + total quantity.
Other Requirements: Must order needle
Conforms to EN-ISO7886-1 and EN-ISO20594-1 standard

4011 ALUMINIUM Test, Lovibond Testpack

Colorimetric test for Aluminium based on the Lovibond Checkit System The TESTPACK contains:
1 X CHECKIT®Disc, 30 x tablet reagents 2 x cells, 1 x stirring rod 1 x detailed instructions

Range : 0 - 0,3 mg/l
Brand : Lovibond Aluminium TESTPACK
Order No. : 14 77 00
4012 BUFFER, pH 4.0, 1 tab/100ml

Buffer tablets to prepare buffered calibration solution

4013 BUFFER, pH 7.0, 1 tab/100ml

Buffer tablets to prepare buffered calibration solution

4014 CHLORINE and PH Test, Lovibond Test Kit 2 in 1 with Checkit Comparator 0.1 - 2 mg/l

Kit to test chlorine and pH
a) Test Kits 2 in 1
Specification: Together with the CHECKIT® Comparator, each test kit includes CHECKIT® Discs, cells, stirring rod and Lovibond® tablet reagents (30 tests) for the desired test.

The test kits are supplied in a sturdy and handy plastic case.

Range: Chlorine 0.1 - 2.0 mg/l Cl₂ pH value 6.5 - 8.4 pH
Method: Colorimetric with colour-disc comparator
Brand: LOVIBOND
Order No: 14 70 46

b) additional tablet reagents:
DPD1 rapid: 100 pcs
packing: aluminium foil blister
**4015** **CHLORINE Test, Merck Microquant, 0.25 - 15mg/l**

Chlorine test, Merck MicroQuant  
Range : 0.25 - 15mg/L  
Method : Colorimetric with colour-disk comparator  
Brand/Type : Merck, MicroQuant  
ArtNo. : 1.14826.001

**4016** **DPD1 rapid, tablets**

Reagent for the determination of chlorine

**4017** **DPD3 rapid, tablets**

Reagents for the determination of chlorine

**4018** **HARDNESS, TOTAL, test strips 3-21°dH**

Test strips for the determination of total hardness  
Range : 3-4-7-14-21 °dH

**4019** **pH-TEMP-COND-Meter, HANNA HI 98130 incl spare electrodes**

digital measure instrument for the determination of pH, temperature, conductivity, total dissolved solids  
Specification:  
Combination waterproof pH / EC / TDS / °C Tester with replaceable pH electrode  
Casing: Rugged, Floating Waterproof  
Range:  
EC (Electrical Conductivity) 0 to 20.00 mS/cm  
TDS (Total Dissolved Solids) 0 to 10.00 ppt  
pH 0.00 to 14.00 pH  
Temperature 0.0 to 60.0 °C
REF.  DESCRIPTOR  
Specification

identical in construction with HANNA HI 98130  
Scope of Delivery:  
1 x Combi Tester  
2 x Replacement electrodes

**4020  POOL TESTER + accessories**

Testkit for the determination of chlorine and pH  
simple testkit which works with DPD and phenol red tablets  

- **Range:** Chlorine 0.1 - 3.0 mg/l,  
  pH-value 6.8 - 8.2  
- **Method:** Colorimetric with DPD and phenol red tablets  
- **Brand/Order No.:** Lovibond POOLTESTER Chlorine-pH, ArtNo.: 151050

![Image of pool tester accessories](image)

**4021  CULTURE MEDIA FOR FEACAL COLI, 2ml, box of 50 amp**

Culture media for E-Coli  
Ready to use culture media for E-coli packed in ampule, shelf life has to as long as possible.  
e.g. Milipore m-FC broth with rosolic acied  

- **Incubation temperature:** 44°C  
- **Package:** 2ml ampule

**4022  BEAKER, POLYPROPYLENE OR PMP, 1000 ml**

Graduated container to measure liquids  
Material: Polypropylene or PMP (TPX)  
Specification: Beaker low form  
Packaging: Capacity 1000 ml, graduated  
Individually packed
4023  **BEAKER, POLYPROPYLENE OR PMP, 100ml**

Graduated container to measure liquids  
Material: Polypropylene or PMP (TPX)  
Specification: Beaker low form  
Packaging: Individually packed

4024  **BOTTLE, swan neck jet, plastic, 500 ml**

Round bottle with swan neck jet used for staining and rinsing  
Material: Polyethylene  
Specifications: Bottle round; not graduated  
Swan neck jet  
Capacity 500 ml  
Dropper nozzle with screw cap

4025  **SCALE, NUTRITION, 5 kg, grad. 2/5g, electro., platform**
4026 SCALE, NUTRITION, 2 kg, grad. 1g, electro., platform

4027 SCALE, NUTRITION, 200 g, grad. 0.1g, electro., platform

5000 BAG, PE plastic, for garbage, 60L, black, 0.02mm
Specifications:   At least 0.02mm thick plastic
                 As used for domestic garbage
Material:        PE

5001 BOOTS, rubber (Wellington), size 37, pair
according to EN 345 S5
Sole: material PVC/Nitril, antistatic oil-, acid-, petrol-resistant steel layer in sole
Weight: approx 2 kg/pair
Shaft: material PVC/Nitril
Height: approx 38 cm
5002 BOOTS, rubber (Wellington), size 39, pair
according to EN 345 S5
Sole: material PVC/Nitril, antistatic oil-, acid-, petrol-resistant steel layer in sole
Weight: approx 2 kg/pair
Shaft: material PVC/Nitril
Height: approx 38 cm

5003 BOOTS, rubber (Wellington), size 41, pair
according to EN 345 S5
Sole: material PVC/Nitril, antistatic oil-, acid-, petrol-resistant steel layer in sole
Weight: approx 2 kg/pair
Shaft: material PVC/Nitril
Height: approx 38 cm

5004 BOOTS, rubber (Wellington), size 44, pair
according to EN 345 S5
Sole: material PVC/Nitril, antistatic oil-, acid-, petrol-resistant steel layer in sole
Weight: approx 2 kg/pair
Shaft: material PVC/Nitril
Height: approx 38 cm

5005 BOOTS, heavy duty plastic rubber, pair, size 10

5006 BOOTS, heavy duty plastic rubber, pair, size 9

5007 GLOVE, chemical protection, nitrile, heavy duty rubber, size 10

5008 GLOVE, chemical protection, nitrile, heavy duty rubber, size 7

5009 GLOVE, H. DUTY, leather + canvas, pair, size M

Heavy Duty Work Gloves
Material Palm: leather
Back: denim
5010  GLOVE, heat protection, isothermal, pair, size 10

5011  OVERALL, blue cotton, size L

5012  OVERALL, blue cotton, size M

5013  OVERALL, blue cotton, size S

5014  OVERALL, blue cotton, size XL

5015  FIRE EXTINGUISHER, Bucket pump

refilable fire extinguisher for fire classification A
Bucket pump according DIN 14 405
Bucket made by metall, with 5 m firebrigade hose Storz D
5016 TAPE, Area delimitation, white/red, 50mmx500m, dispens. Box

5017 CHLORINE, Aquatab, 1000mg (NaDCC 1670mg), multipurpose, 200 tab..

NaDCC (sodium dichloroisocyanurate, or sodium troclosene, or sodium dichloro-s-triazinetrione)
1.67g NaDCC releases 1g available chlorine when it is dissolved in water. Each Tablet contains 1670 mg of NaDCC
Packing size : 200 tablets

5018 CHLORINE, Aquatabs, 5000mg (NaDCC 8680mg), fr 1000L wat. purif., tab.

NaDCC (sodium dichloroisocyanurate, or sodium troclosene, or sodium dichloro-s-triazinetrione)
1.67g NaDCC releases 1g available chlorine when it is dissolved in water. Each Tablet contains 1670 mg of NaDCC
Packing size : 200 tablets

5019 CABLE, elect. flexible, 5 x 2.5mm2, outdoor use, black, met.

Heavy Duty cable 5 x 2.5mm
Specification : H07RNF 5G2,5

5020 CABLE, elect. Flexible, 5x10mm2, outdoor use, black

Heavy Duty cable 5 x 10mm
Specification : H07RNF 5G10
5021 Core cable ends 1,5mm

5022 Core cable ends 2,5mm

5023 Distribution board, worksite

- Structurally identical to Steidle EV 63/82-0-S
- Final distributor in orange metal housing (IP44)
- Nominal value: 63A
- Apparent power: 44kVA
- Voltage: ~230/400 V
- Frequency: 50/60 Hz
- RDF: 0,6
- Protection: RCCB 0,3A
- Protection (housing): IP44
- Weight: approx. 42kg
- Dimensions (metal housing): approx. 610 x 730 x 400 mm (W x H x D)

With removable metal stand (approx. 360 mm high)
With 5 m power supply line H07RN-F 5G16
5024  **Distribution box 400V to 6 x 230 V**

Safety Distribution 400V to 6 x 230 V, structurally identical with GIFAS Industrial distribution boxes, series 6200 Art.Nr.: 235519 or ABL SURSUM Art. Z55.16 or Menekes EverGum

- **Input**: 3m cable 5x2.5mm with CEE 16A/400V, IP44
- **Output**: 6 x CEE 7/3 (Type F, safety contact sockets) IP44
- **Protection**: FI 25/0.03 A 4p; LS 16 A 3p
- **Temperatur range**: 40° to -20°C
- **Casing**: self-extinguishing and flameretardant solide rubber

5025  **Distribution box, 1 x 400V to 1x 400V and 3x 230V**

Safety Distribution 400V to 1 x 400V and 3 x 230 V, structurally identical with GI FAS Industrial distribution boxes, series 6200 or Mennekes EverGum or ABL SURSUM series Z48.01 or Z55.01

- **Input**: 3m cable 5x2.5mm with CEE 16A/400V, IP44
- **Output**: 1 x CEE 16A/400V , IP44
- **Protection**: FI 25/0.03 A 4p; LS 16A for all outputs
- **Temperatur range**: 40 to -20°C
- **Casing**: self-extinguishing and barely flammable solide rubber
5026 Distribution box, 1x400V/32A to 2x400V/16A and 3x230V

Safety Distribution 400V to 1 x 400V and 3 x 230 V, structurally identical with GI FAS Industrial distribution boxes, series 6200, Mennekes EverGum or ABL SURSUM series Z48.01 or Z55.01

Input: 3m cable 5x6,0mm² with CEE 32A/400V, IP44
Output: 2 x CEE 16A/400V, IP44
: 3 x CEE 7/4 (Type F, safety contact sockets), IP44
Protection: FI 25/0,03 A 4p and LS 16A 3p
Temperatur range: 40 to -20°C
Casing: self-extinguishing and barely flammable solide rubber

5027 Distribution box, 1x400V/32A to 1x400V/32A, 2x400V/16A and 3x230V
Safety Distribution 400V to 3 x 400V and 3 x 230 V, structurally identical with GI FAS Industrial distribution boxes, series 6200, Mennekes EverGum or ABL SURSUM series Z48.01 or Z55.01

- **Input**: 1 x CEE 32A/400V, IP44
- **Output**: 1 x CEE 32A/400V, IP44
  - 2 x CEE 16A/400V, IP44
  - 3 x CEE 7/4 (Type F, safety contact sockets), IP44
- **Protection**: FI 25/0.03 A 4p (only for 16A/400V and 16A/230V; not for 32A/400V) and LS 16A 3p
- **Temperature range**: 40 to -20°C
- **Casing**: self-extinguishing and barely flammable solid rubber

### 5028 EXTENSION CABLE, 10m, 3x2,5mm2 triple connector

- **Heavy Duty extension cable 3 x 2.5m m, 10m**
- **Specification**: H07RNF 3G2.5
- **Length**: 10m
- **Plug**: solid rubber, CEE 7/4 (Type F, Schuko), IP44
- **Connector**: triple connector solid rubber, CEE 7/4 (Type F, Schuko), IP44
5029  EXTENSION CABLE, 10m, 5 x 2,5mm2, 16 A

Heavy Duty extension cable 5 x 2,5m m2, 10 m, CEE coupling
Specification: H07RNF 5G2,5
Length: 10m
Plug: CEE 5x16A / 400V, IP44
Connector: CEE 5x1 6A / 400V, IP44

5030  EXTENSION CABLE, 25m, 3x2,5mm2, triple connector

Heavy Duty extension cable 3 x 2,5mm, 25m
Specification: H07RNF 3G2,5
Length: 25m
Plug: solid rubber, CEE 7/4 (Type F, Schuko), IP44
Connector: triple connector solid rubber, CEE 7/4 (Type F, Schuko), IP44
5031 EXTENSION CABLE, 25m, 5x2,5mm2, 16A

Heavy Duty extension cable 5 x 2,5mm2, 25 m, CEE coupling
Specification  : H07RNF 5G2,5
Length         : 25m
Plug:          : CEE 5x16A / 400V, IP44
Connector      : CEE 5x16A / 400V, IP44

5032 EXTENSION CABLE, 25m, 5x6, 0m2, 32A

Heavy Duty extension cable 5 x 2,5mm2, 25 m, CEE coupling
Specification  : H07RNF 5G6,0
Length         : 25m
Plug:          : CEE 5x16A / 400V, IP44
Connector      : CEE 5x16A / 400V, IP44

5033 EXTENSION CABLE, 3m, 5 sockets, IP44, with surge protection

Extension Cable with switch, surge protection and 5 sockets Protection: IP44

5034 EXTENSION CABLE, 5m, 3x2,5mm2, triple connector

Heavy Duty extension cable 3 x 2,5mm, 5m
Specification  : H07RNF 3G2,5
Length         : 5m
Plug:          : solid rubber, CEE 7/4 (Type F, Schuko), IP44
Connector      : triple connector solid rubber, CEE 7/3 (Type F, Schuko), IP44
5035  LAMP, LED, 230V, with E27 bulb, warm white, 806 lm, hand-held, with basket

Hand-held light with basket guard and 5m cable. Impact proof and resistant to chemical influences. Hand grip made of rubber. With E27 bulb, warm white, 806 lm

5036  PLUG, female, CEE 400V/16A 5p

female PLUG according CEE, 16A 400V 3p+N+E specification: IEC 60309 with cord grip and cable bend protection certified by VDE and CE protection classification : IP44
5037  **PLUG, female, CEE 400V/32A 5p**

female PLUG according CEE, 32A 400V 3p+N+E
specification: IEC 60309
with cord grip and cable bend protection certified by VDE and CE
protection classification : IP44

5037a  **PLUG, male, CEE 400V/32A 5p**

female PLUG according CEE, 32A 400V 3p+N+E
specification: IEC 60309
with cord grip and cable bend protection certified by VDE and CE
protection classification : IP44

5038  **PLUG, female, CEE 400V/63A, 5p**

female PLUG according CEE, 63A 400V 3p+N+E
specification: IEC 60309
with cord grip and cable bend protection certified by VDE and CE
protection classification : IP44
5039  PLUG, male, CEE 400V/16A, 5p
male PLUG according CEE, 16A 400V 3p+N+E
specification: IEC 60309
with cord grip and cable bend protection certified by VDE and CE
protection classification : IP44

5040  PLUG, male, CEE 400V/63A, 5p
male PLUG according CEE, 63A 400V 3p+N+E
specification: IEC 60309
with cord grip and cable bend protection certified by VDE and CE
protection classification : IP44
5041 SOCKET, wall mount, single 16A Schuko

Wall Socket 230V, 16A CEE-7/7
(Schuko) Protection: IP44, splashproof

5042 TRIPOD, telescopic, with lightning ballon, 230V, 600W LED, 60.000 lm

Telescopic tripod set for lightning ballon, heavy duty construction
Specification:
1 x tripod
Structurally identical with Eisemann Tripod LZU 15, Metallwarenfabrik Gemmingen
1 x lightning ballon, AIRSTAR SIROCCO 6x100W
3 x sandbag (12kg)
5043  TRIPOD, telescopic, with spotlights

Telescopic tripod set for spotlights or floodlight sources, heavy duty construction

Specification:
- 1 x tripod
- 4 spotlight attachment points fixable at the desired height. The tripod has 3 mounting points for bracing wire.
- 30mm diameter attachment pin according DIN 14640
- Structurally identical with Eisemann Tripod LZU 15, Metallwarenfabrik Gemmingen
- 1 x spotlight holder for 30mm attachment pin
- 480mm x 50mm x 145mm with 30mm attachment pins according DIN 14640 Structurally identical with Eisemann Spotlights holder LZU 11/7,
- 2 x universal holder for 30mm attachment pin
- Universal holder for 30mm attachment pins according DIN 14640 with M10 mounting screw
- Structurally identical with Eisemann Universal holder LZU 11+M10
- 2 x Halogen floodlight projector with 5m cable and 2 Halogen lamp tubes El.

specification:
- Max. Power : 500W
- Operating Voltage : 230 V
- with cable and CEE 7/4 (Schuko, Type F) plug
- Protection degree: IP 55
- Mechanical Specification:
  - die-casting aluminium body, all external steel parts are rust-free brightened aluminium reflector, angle range 100°
  - tempered glass resistant to wide changes in temperature
Fence, plastic

Plastic safety mesh fencing to cord off danger areas, construction sites etc

Specification:
- With: 90 - 100 cm
- Color: red, orange or yellow
- Weight: not less than 140 g/m²
- Length: 50m per roll
- Material: PP or PE
5045 Plastic Stake Fencing Pins, orange

Colour: Orange
Plastic post complete with metal spike
U.V resistant polypropylene
Handy footplate for easy installation
Integral clips & loops to fix
Ideal for supporting barrier fencing, tapes, mesh or rope.
Size: 1m above ground (ie not including the spike)
Pin is 220mm
The 1m Stake is 980mm from the top of the footplate to the top of the post. Ideal for Barrier Fencing

5046 GOGGLES, SAFETY, plastic
Safety goggles according EN 166
deep curved PVC frame, close fit and versality to wear over prescription glasses.
Clear polycarbonate lenses.
Protection against impact from flying particles, droplets, splashes. Vented body (indirect ventilation). Chemicals resistant

5047 clamp meter 0-400A

<table>
<thead>
<tr>
<th>Clamp Meter: 0-400A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Currency AC: Range 0-400 A</td>
</tr>
<tr>
<td>Resolution: 0,1A</td>
</tr>
<tr>
<td>Voltage AC: Range 0-600 V</td>
</tr>
<tr>
<td>Resolution: 1 V</td>
</tr>
</tbody>
</table>

Safety Specifications: IEC 1010-2-032, 600V CAT III
VDE, GS or comparable certificates

5048 LEVEL, aluminium, 400 mm, standard, vertic. horizont. vials

5049 LINE LEVEL, to use with builder's line
5050 **KNIFE/CUTTER, retract. chang. snap-off blade, 165mm, plastic**

5051 **SCREWDRIVER, flat head 6.5mm x 200mm blade**

- Material: Chrome Vanadium Steel, hardened, tempered and chrome plated

5052 **SPANNER SOCKET, Bi Hexagon 17mm -3/8" Square drive**

- Specifications: 17mm Bi Hexagon Socket for 3/8" Square drive.
- Chamfered end for positive nut.
- Hole for driving accessory spring-loaded ball bearing
- Quality: Professional
- Material: Chrome Vanadium Steel. Hardened, tempered and chrome plated

5053 **SPANNER, combinaison, open + 15deg angled ring, 17mm**

- Specifications: Combination ring/open-end spanner 24mm
- Quality: Professional
- Material: Chrome Vanadium Steel, hardened, tempered and chrome plated

5054 **SPANNER, combinaison, open + 15deg angled ring, 24mm**

- Specifications: Combination ring/open-end spanner 24mm
- Quality: Professional
- Material: Chrome Vanadium Steel, hardened, tempered and chrome plated
5055 SPEED BRACE, 3/8" square drive cranked handle

Specifications: Speed Brace, 3/8" square drive cranked handle
plastic hand grip, spring-loaded ball bearing for secure socket holding

Quality: Professional

Material: Chrome Vanadium Steel, hardened, tempered and chrome plated

5056 BUCKET, plastic, without lid, 10 L

Specifications: Heavy-duty plastic, round bucket
Carrying capacity 20 kg
With metal handle
Stacking possibilities to lower transport costs
Strong and durable quality for a long life span in tough conditions.

Material: Plastic

5057 CHAIR, FOLDABLE, ARMCHAIR, nylon seat and back

type: director's chair
lightweight
frame
5058  BOX, FOLDING, 60L
Folding box to be used as a clothes basket
Size : 60 L
Material : plastic material

5059  BUCKET, plastic, without lid, 25 L

5060  CLOTHES LINE, 50m
Clothes line with steel inlay and plastic coat.
Diameter : appr. 3mm
Length : 50m

5061  CLOTHES PIN
5062  **DRAINAGE PIPE, 22mm for washing machine**

Universal drainage pipe for washing machines

- **Construction**: flexible spiral tube made of plastic material
- **Diameter**: 22 mm
- **Length**: 5 m

5063  **STEAM IRON**

- **Functions**: Dry and steam
- **Voltage**: 230 V/50 Hz
- **Power**: appr. 1800 W
- **Soleplate**: stainless with non-stick coating

5064  **TUMBLE DRYER, vented**

- **Vented tumble dryer**
- **Capacity**: 6 kg
- **Voltage**: 230V/50Hz
Spin drying class: C
Energy efficiency class: D

5065 VENT HOSE, d=100mm, 5m
Flexible standard vent hose for tumble dryer
- Diameter: 100 mm
- Length: 6 m

5066 WASHING MACHINE, 8 kg
Front loader household washing machine
- Capacity: 8 - 9 kg
- Voltage: 230 V/50Hz
- Washing performance class*: A
- Spin performance class*: B
- Energy efficiency class: B

* according to EN 60456

5067 WASHING POWDER, 20kg, for washing machine, for cloth

5068 TARPAULIN, woven plastic, 4 x 6 m, white/white, piece
Reinforced flexible tarpaulins for temporary shelter or personal protection
Specifications
Material: Woven high-density polyethylene (HDPE) black fibers fabric laminated on both sides with low density polyethylene (LDPE) coating. Reinforced with 6 bands of 7.5cm width made of woven black HDPE fibers fabric and coated outside. Position of bands as per drawing attached.

- Tensile strength: Minimum 50DaN and 15% to 25% elongation in warp and weft outside of the reinforcement bands under ISO 1421. Minimum 70DaN inside the reinforcement Bands as per ISO 1421 plus the additional procedure.
- Tear strength: Minimum 1 0DaN under ISO 4674 (A2) outside of the reinforcement bands.
- Welding: Only one welding allowed, in the middle of the sheet, length wise. Minimum resistance is 80% of the original tarpaulin tensile strength in weft under ISO 1421 plus additional procedure.
- UV resistance: Maximum 5% loss on original tarpaulin tensile strength under ISO 1421
after 1500 hours UV under ASTM G53/94 (UVB 313 nm peak), to be tested outside and inside the reinforcement bands.

<table>
<thead>
<tr>
<th>Specification</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>4 m standard size ± 1 % net width</td>
</tr>
<tr>
<td>Length</td>
<td>Sheet of 6 meter, or rolls of 60 meters</td>
</tr>
<tr>
<td>Weight</td>
<td>200g/m2 ± 5%, plus 10% for the reinforcement bands under ISO 3801.</td>
</tr>
<tr>
<td>Temperature resistance</td>
<td>Temperature resistant from -20 to 80 C.</td>
</tr>
<tr>
<td>Features</td>
<td>Water, rot, soil and fauna resistant. Long outdoor use life in all climates.</td>
</tr>
<tr>
<td>Flammability</td>
<td>Flash point above 200C.</td>
</tr>
<tr>
<td>Colour</td>
<td>White sun reflective both sides, grey bands. Inner black fibers to ensure opacity.</td>
</tr>
<tr>
<td>Printing</td>
<td>For rolls every 6m, for pieces on each piece, Manufacturer name, month and year of production (Letters of 2.5cm [1 inch] high maximum). One length Indicator</td>
</tr>
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</table>
**5069**  **PLASTIC SHEET** for windows, not antiblast film, 0.2mm, 2 x 50 m roll

General information:
Translucent plastic sheets to replace window glass.
Reinforced type is stronger and lasts longer.
Woven plastic sheets are not usable for this application, as they are not sufficiently translucent.
This product is totally different from anti-blast film for window glasses, it is only meant to replace window glasses.
Specifications:
Plastic sheeting, reinforced with polyester or PP/PE mesh, 0.200mm, UV stabilised, 2m x 50m, roll.

**5070**  **BUCKET, plastic, 20L, white, metal handle, with lid, stackable**

Specifications:
Heavy-duty plastic bucket, with handle and lid with attached clip-on cap.
Manufacturing process: injection moulding.
Material: Virgin food grade HDPE high density polyethylene, and virgin LDPE low density polyethylene OR: Virgin food grade Polypropylene Copolymer (PPCP). Should not contain toxic elements according to EN 1186-3-9 standard.
Reinforced bottom ridge to prevent scraping of the base.
Reinforced top to prevent ovalling.
Curved inside base to wall join for easy cleaning.
Colour: Bucket and lid: white.
Marking: Manufacturer identification plus manufacturing month and year molded on the bucket.
Lid test: The bucket filled with 20L water must resist one fall on the side without opening.
Drop test: The bucket filled with 20L water, must resist without damage to 2 consecutive vertical drops from 2m high from bucket bottom to smooth flat concrete floor. The bucket must be elevated on a remote-activated rocking platform, so that the lowest point is at 2m from the ground.
Flexibility test: The bucket must get back its original shape without damage after applying a pressure on the two sides of top rim to make them touch one another in the middle.
Handle test: The handle must resist folding flat on the cover, pushed on left end, and pushed on right end. The handle must also resist to 28kg traction in normal usage position.
5071 LADLE, 250ml, stainless steel

Capacity about 250ml. Handle length about 32cm. Commercial quality. Can be conveniently nested on pot rim, or hung on rack! Safe to use in dishwasher.

5072 KIT, WATER TANK, 10 m3, rigid, corrugated

Specification: Ridged water tank, fast erection, light and small volume for transport
Corrugated galvanized iron sheet
Each tank has 3 outlet holes for 3” connector. One of these holes has a blanking plate fitted.
EPDM synthetic rubber line, 1.4mm thick, reinforced, welded. The liner allows 300mm turn down on outside with 4 eyelets spaced at 1m centers around edge
Connector flanges to be pre-assembled with studs, bolts, washers and gaskets. PVC coated polyester roof
Base plate for roof supporting column has countersunk holes to prevent damaging the lining by friction with the bolt heads
Bolts and nuts are all zinc plated for high corrosion resistance.
Spanners of good quality for intensive use.
including roof repair kit

Capacity: 10m3
5073 **KIT, WATER TAP STAND, 6 self-closing taps**

One wooden box contains all the necessary items to assemble a complete stand, and to terminate with a Storz C + 1.1/4″ BSP + 32mm compression coupling.

Self-closing valves (Talflo, etc…) close "automatically", saving water.

Material: Galvanized steel water pipes of 1.1/4″ in diameter, with couplings and clamps

Supplied with set-up tools and accessories (e.g. PTFE tape)

Packaging: 1 wooden box, with 2 handles

---

5074 **CHLORINE and PH Test, Lovibond Test Kit 2 in 1 with Checkit Comparator 0.1 - 2 mg/l**

a) Test Kits 2 in 1

Specification: Together with the CHECKIT®Comparator, each test kit includes CHECKIT®Discs, cells, stirring rod and Lovibond® tablet reagents (30 tests) for the desired test.

The test kits are supplied in a sturdy and handy plastic case.

Range: Chlorine 0.1 - 2.0 mg/l Cl₂*  
       pH value 6.5 - 8.4 pH

Method: Colorimetric with colour-disc comparator

Brand: LOVIBOND

Order No: 14 70 46

b) additional tablet reagents:

DPD1 rapid : 100 pcs  
packing : aluminium foil blister
5075  JERRYCAN, 20 l, metallic, with nozzle, for diesel

Jerry can manufactured from steel with fuel resisting lining. With TÜV approval
Capacity: 20L
5076  CHLORINE, (NaDCC) granulate, 25 kg

NaDCC (sodium dichloroisocyanurate, or sodium troclosene, or sodium dichloro-s-triazinetrione)
1.67g NaDCC releases 1g available chlorine when it is dissolved in water. Packing size : 25 kg granulate per bucket

5077  CLAMP, BAND 20-32mm

Worm drive hose clamp suitable for rubber hose, plastic tubing
Width : 5mm
Position range : 20-32mm
Material: chrome steel
5078  **HOSE CLAMP, 16-27mm**

- Worm drive hose clamp suitable for rubber hose,
- Position range: 16-27mm
- Material: chrome steel

5079  **HOSE CLAMP, 12-22mm**

- Worm drive hose clamp suitable for rubber hose,
- Position range: 12-22mm
- Material: chrome steel

5080  **HOSE CLAMP, 25-40mm**

- Worm drive hose clamp suitable for rubber hose,
- Position range: 25-40mm
- Material: chrome steel

5081  **CLAMP, BAND 55mm**

- to clamp a hose on an Storz C hose tail coupling
- Specification: Heavy duty T- Bolt Clamp for robust application for use with a Allen Key
5082  CLAMP, BAND 85mm

to clamp a Y" hose with a Storz B hose tail coupling
Specification: Heavy duty T- Bolt Clamp for robust application for use with Allen Key

5083  HOSE FITTING, 50mm inner diameter to fit hoses with 8/10/13/19/25/32 mm diameter

Material : polypropylene

5084  COUPLING, "Guillemin", 2", threaded male
Specifications: Guillemin coupling with 2" threaded male (BSP)
Material: high tensile strength moulded aluminium alloy

5085 COUPLING, "STORZ C" with 1" threaded male
Specifications: Storz C coupling with V' threaded male (BSP)
Material: high tensile strength moulded aluminium alloy

5086 COUPLING, "Storz C" with 1" threaded female
Specifications: Coupling Storz - C V' BSP threaded female
Material: high tensile strength moulded aluminium alloy
5087 COUPLING, "Storz C" with 2" threaded female
Specifications: Coupling Storz - C with 2" BSP threaded female
Material: high tensile strength moulded aluminium alloy

5088 COUPLING, "Storz C" with 2" threaded male
Specifications: Coupling Storz - C ½" BSP threaded male
Material: high tensile strength moulded aluminium alloy

5089 COUPLING, "Storz C", 1", threaded male
Specifications: Coupling Storz - C 1" BSP threaded male
Material: high tensile strength moulded aluminium alloy
5090 COUPLING, "Storz", REDUCER, B - C

Specifications:
- Adaptor Storz B - C
- Material: high tensile strength moulded aluminium alloy

5091 COUPLING, BRASS, ADAPTER, internal thread 1" to hose tail 3/4"

5091a COUPLING, BRASS, ADAPTER, internal thread 1" to hose tail 1/2"

5092 COUPLING, BRASS, ADAPTOR, threaded male 1" to hose tail 1/2"
5093 COUPLING, CHROMED BRASS, 1/2\" internal thread - 1\" internal thread

5094 COUPLING, CHROMED BRASS, nipple 1/2\"

5095 SEAL TAPE, PTFE ('Teflon'), for water connectors, roll 12mm x 12m

5096 COUPLING, COMPRESSION, BALL VALVE, for MDPE pipe d.ext 32mm

Compression fitting with ball valve to connect two 32mm MDPE pipes
Specifications: Compression fitting with ball valve for 32mm MDPE pipe
Material: Polyethylene or Polypropylene; resistant to chemicals/highly concentrated chlorine solutions (e.g. teflon sealing)

5097 COUPLING, COMPRESSION, ELBOW, 90deg, 32-32mm

Compression fitting to connect two 32mm MDPE pipes
Specifications: 90° Elbow compression coupling for 32mm MDPE pipe
Material: Polyethylene or Polypropylene; resistant to chemicals/highly concentrated chlorine solutions (e.g. teflon sealing)
**5098 COUPLING, COMPRESSION, PLUG, for d.ext 32mm**

Compression coupling for closing a 32mm MDPE pipe  
Specifications: End plug for 32mm MDPE pipe  
Material: Polyethylene or Polypropylene; resistant to chemicals/highly concentrated chlorine solutions (e.g. teflon sealing)

**5099 COUPLING, COMPRESSION, SOCKET, for MDPE hose d. ext: 32mm**

Compression fitting to connect two 32mm MDPE pipes  
Specifications: Compression fitting for 32mm MDPE pipe  
Material: Polyethylene or Polypropylene; resistant to chemicals/highly concentrated chlorine solutions (e.g. teflon sealing)

**5100 COUPLING, COMPRESSION, TEE, for pipe d. ext: 32mm**

Compression fitting to connect three 32mm MDPE pipes  
Specifications: Compression fitting T 90° for 32mm MDPE pipe  
Material: Polyethylene or Polypropylene; resistant to chemicals/highly concentrated chlorine solutions (e.g. teflon sealing)
5101 COUPLING, COMPRESSION, thread. male 1’ to pipe d.ext 32mm

Compression fitting to connect one 32mm MDPE pipe with one 1" internal thread fitting
Specifications : thread adaptor 32mm compression - 1" BSP external thread
Material: Polyethylene or Polypropylene; resistant to chemicals/highly concentrated chlorine solutions (e.g. teflon sealing)

5102 COUPLING, COMPRESSION, DOUBLE CHECK VALVE, for MDPE pipe d.ext 32mm

Compression fitting with double check valve to connect two 32mm MDPE pipes
Specifications: Compression fitting with double check valve for 32mm MDPE pipe
Material: Polyethylene or Polypropylene; resistant to chemicals/highly concentrated chlorine solutions (e.g. teflon sealing)
5103  COUPLING, COMPRESSION, REDUCER, for MDPE pipe d. ext: 32mm/25mm

Compression fitting to connect a 32mm MDPE pipe to a 25mm MDPE pipe
Specifications:  Compression fitting to connect a 32mm MDPE pipe to a 25mm MDPE pipe
Material:  Polyethylene or Polypropylene; resistant to chemicals/highly concentrated chlorine solutions (e.g. teflon sealing)

5104  COUPLING, GALVA, ELBOW reduced 3" female 2" female

Specification:  Elbow fitting 90° internal thread reduced, one end with 3" BSP internal thread, one end with 2" BSP internal thread.
Material:  Galvanised pipe fitting made of malleable cast iron acc. international fitting normation ISO 49 and EN

5105  COUPLING, GALVA, NIPPLE, 1', threaded male/male

5106  COUPLING, GALVA, NIPPLE, 2", threaded male/male
5107 COUPLING, GALVA, REDUCER, 1” female - 3/4” female
Specifications: Reducer with 1/2” female threaded BSP (ISO7) to 3/4” female threaded BSP (ISO7)
Material: malleable cast iron

5108 COUPLING, GALVA, REDUCER, 1” male - 3/4 female
Specifications: Reducer with 1/2” male threaded BSP (ISO7) to 3/4” female threaded BSP (ISO7)
Material: malleable cast iron

5109 COUPLING, GALVA, REDUCER, 1” male - 3/4” male
Specifications: Reducer with 1/2” male threaded BSP (ISO7) to 3/4” male threaded BSP (ISO7)
Material: malleable cast iron

5110 COUPLING, GALVA, REDUCER, 2”-1”, thread male/fem

5111 COUPLING, GALVA, REDUCER, 3”-2”, threaded fem/male

5112 COUPLING, GALVA, REDUCER, 3”-2”, thr fem/fem

5113 COUPLING, GALVA, SOCKET, 1”, threaded fem/fem

5114 COUPLING, GALVA, SOCKET, 2’, threaded fem/fem
5115  COUPLING, GEKA, brass, 1' threaded female

GEKA Claw coupling for reversible connections of water hoses
Specifications: GEKA coupling with 1" internal thread
Material: forged brass

5116  COUPLING, GEKA, brass, ¾” threaded female

GEKA Claw coupling for reversible connections of water hoses
Specifications: GEKA coupling with 3/4” internal thread
Material: forged brass
5117 COUPLING, GEKA, brass, 1" threaded male
Specifications : GEKA coupling with V" external thread
Material : forged brass

5118 COUPLING, GEKA, brass, hose connection 1/2"
Specifications : GEKA coupling with V/2" hose connection
Material : forged brass
5119 COUPLING, GEKA, brass, hose connection 3/4"
Geka clow coupling for reversible connections of water hoses
Axially rotatable 360°, prevents hose from twisting
Specifications: GEKA coupling with 3/4" hose connection
Material: forged brass

5120 Y-DISTRIBUTOR, GEKA, brass, with gate valve, 3/4"
Geka clow coupling for reversible connections of water hoses
Specifications: GEKA coupling with 3/4" hose connection
Material: forged brass

5121 VALVE, BRASS, BALL, 1" internal thread
Shut down valve, with ball type valve, diameter app. 25 mm
Specifications: Ball valve, 1/4 turn,
Both ends 1" BSP (ISO 7) internal thread
5122 COUPLING, PVC, ADAPTER, internal thread 1” to hose tail 22mm

5123 COUPLING, STORZ, T, PVC, 3x Storz C

Specifications: the adaptor consist of
- 1 x T-Fitting, 2” internal thread BSP
- 3 x Storz coupling C, external thread BSP
all parts are fitted together

Material:
- Fitting: PVC
- Storz Couplings: high tensile strength moulded aluminium alloy

5124 HOSE, EPDM, flexible 3/4”

high-grade reinforced water- and cleaning hose, robust and long lasting
Lining: EPDM-rubber mixture
Reinforcements: plies made from high-grade corded fibres.
Cover: rubber resistant to mechanical abrasion, weathering, oil and grease
Inner diameter: 3/4 “
5125  **HOSE, EPDM, flexible, 1 1/4”, transparent**

High-grade reinforced water- and cleaning hose, robust and long lasting

- **Lining**: EPDM-rubber mixture
- **Reinforcements**: plies made from high-grade corded fibres.
- **Cover**: rubber resistant to mechanical abrasion, weathering, oil and grease
- **Inner diameter**: 1 ¼”

5126  **HOSE, FLAT for delivery, Storz C, type fire brigade, 10m**

Specifications:

- Heavy duty lay flat delivery hose according DIN14557,
- Outside: synthetic woven textile reinforcement, resistance to oil and gasoline, abrasion resistant, flam-retardant.
- Inside: encased in high tensile rubber.
- Both ends are fitted with Storz C couplings

- **Temperature range**: -25°C up to + 60°C,
- **Operational pressure**: 7bar, 8bar
- **Length**: 10m

5127  **HOSE, FLAT for delivery, Storz C, type fire brigade, 5m**

Specifications:

- Heavy duty lay flat delivery hose according DIN14557,
- Outside: synthetic woven textile reinforcement, resistance to oil and gasoline, abrasion resistant, flam-retardant.
- Inside: encased in high tensile rubber.
- Both ends are fitted with Storz C couplings

- **Temperature range**: -25°C up to + 60°C,
- **Operational pressure**: 7bar
- **Length**: 5m
5128 HOSE, flexible spiralled for suction, Storz C, type fire brigade, 2m

Specifications:
- Heavy duty reinforced suction hose according DIN14557
- Cover: synthetic rubber, resistance to abrasion, heat and weathering.
- Textile reinforcement with covered steel wire helix.
- Both ends fitted with Storz C couplings
- Temperature range: -25°C up to +60°C
- Operational pressure: 3bar
- Length: 2 m

5129 HOSE, rubber, flexible, spiralled, Storz C, 1m

Specifications:
- Heavy duty rubber suction hose, reinforced with rubber covered metal spiral helix.
- Both ends fitted with Storz C Couplings
- Temperature range: -25°C up to 60°C,
- Operational pressure: 6 bar by 20°C,
- Resistance to vacuum at 20 °C: 90%
- Length: 1 m

5130 PIPE, MDPE polyethylene, d.ext: 32mm, NP10, coil, per meter

PE100 drinking water pipes. Resistant to acids, caustic substances, and organic and inorganic solvents. Good material strength and fatigue resistance.
- Operating temperature range -40°C to +65°C.

5131 PIPE, MDPE polyethylene, d.ext: 25mm, NP10, coil, per meter
5132 PIPE, MDPE polyethylene, d.ext: 20mm, NP10, coil, per meter

5133 COUPLING, STORZ, GALVA, 3xStorz C with 2x ball valves

2" water distributor with two ball valves and three Storz C couplings
Specifications: 2" distributor with two ball valves and three Storz C couplings.
Material: galvanised forged steel, melleable cast iron or high tensile strength moulded Aluminium

5134 JET PIPE, Storz C

Jet pipe for Spray and Branch
Jet Spray and Branch Pipe , Storz C
Material: high tensile strength moulded aluminium alloy
Norm: DIN 14365

5135 VALVE, BRASS, BALL 1/2", thr. fem x2, 1/4 turn steel handle

5136 VALVE, BRASS, BALL, 2" internal thread, Storz C

Shut down valve, size C with ball type valve, diameter app. 50 mm
Specifications: Ball valve, 1/4 turn,
Both ends 2" BSP (ISO 7) internal thread, fitted with Sorz C coupling
Material: Storz Coupling: high tensile strength moulded aluminium alloy
Ball valve: brass, steel or aluminium

5137 PUMP, DIESEL, MAST NP4DH, Storz C

Self-priming centrifugal all-purpose pump, MAST NP4DH. Ready to use
Pumping rate: 550l/min
Pumping Head: 24m
Connection size: G 2", Storz C coupling
Engine: 4-stroke diesel Hatz 1B20

Supplied with spare part set and exhaust pipe
5138 Pressure booster pump, 230V, 1000W, in PVC casing, outlet/inlet: COUPLING, COMPRESSION, for MDPE PIPE d. ext: 32mm

Mounted in a PVC casing (60 x 40 x 45 cm)
IP54
Enforced floor
Mains supply: 230V, 50 Hz
Power: approx. 1000 W
Delivery capacity: 3 cbm/h
Delivery height: 45 m
Power cord: 10 m, H05RN-F
with 2 GEKA couplings to fit 1” male thread
supplied with COUPLING, COMPRESSION, for MDPE PIPE d. ext: 32mm at outlet and inlet
5139  **FLY CATCHER, to hang up + attracting product**

Specification: Fly trap made of an bag with pesticide free attractant and top cap which prevent flies to leave the trap.

Including in delivery: 2 spare bags with attractant

5140  **MASK, dust protection, FFP2, disposable**
Protective breathing mask, protection against solid and liquid aerosols Protection class: FFP2 according EN145

5141 Rapid Latrine

5142 SPRAYER, manual, back pack, 10l
Piston backsprayer, sturdy plastic or metal tank with 10 L filling capacity, pressure gauge, incl. 1 spare gasket; Nozzle: flat jet nozzle

5143 SPRAYER, manual, back pack, 20l
Piston backsprayer, sturdy plastic or metal tank with 15-20 L filling capacity, pressure gauge, incl. 1 spare gasket; Nozzle: flat jet nozzle
5144 SPANNER, ring type, for swivel fittings

5145 HOSE, hand shower hose, plastic
Hose for handheld shower head
Handshower hose, each end fitted with 1/2" internal thread fitting. Length: 2m
Material: plastic

5146 Shower head, handheld
Handheld Shower head with 1/2" external thread

5147 Washing and Rinsing field
Specifications: a set of three washtubs, size per washtub approx. 1,10 x 0,60 m
each washtube equipped with two water taps, supply and drainage material, storage bowl / soap dish, paving tiles
Producer: deconta GmbH
Im Geer 20 46419 Isselburg
www.deconta.com
5148  KIT, WATERTANK, flexible pillow, 5m3, transport/storage

General information
Heavy-duty bladder tank; fitted on a flatbed truck or used as a normal storage tank. The truck platform should be a minimum of 4m long by 2m wide. Trucks with low body panels on the sides, as opposed to an unprotected platform, are preferred. Dimensions of the truck’s platform should be equivalent to at least those of the empty tank. The tank is fitted with heavy-duty 50mm polyester straps.

Specifications
Flexible tank: heavy-duty, for drinking water, quality PVC-coated polyester. Specifically-designed for high-pressure resistance, for use on a tanker truck. Threaded outlet:
- 2x3" BSP (International Federation ERU standard).
  Fitted, at a minimum, with 2 heavy-duty polyester webbing straps, plus 2 straps per end.
  Strap ends terminate with eyeholes and/or loops, used to secure the tank.
  Anti-chafe patches.
  Overpressure release valves with rubber plugs.
Dimensions:
- 5m³ tank: 4.45x2.21m or 4.50x2.60m (dependent on manufacturer).

Packaging as per IATA regulations UN1133 (for the glue) and UN1263 (for the thinner).

KWATTANKP05T Content list - [Export content list (excel file)]

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<td>KWATREPAF01</td>
<td>KIT, REPAIR, for flexible tank PVC reinforced material</td>
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<td>GLUE, neoprene contact, tube 120g</td>
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<td>(pillow tank 5m3) HARNESS, for trucking</td>
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5149 Electric barrel pump, for Diesel, 230V

Electric barrel pump for pumping diesel oil, Category EL fuel oil, undiluted radiator antifreeze and other liquids of Hazard Category AIII (VbF).
Built-in siphon protection prevents leaks if the tube is faulty; filling nozzle with automatic shut-off; electronic volume readout with cumulative total and suitable for calibration

Specification:

- With manual suction pump
- VDE tested, motor with thermal protection switch
- Barrel thread M 64 x 4 and 2"
- Suction hose with filter 1.60 m length
- Pump hose made of Perbunan, 4 m length, with bend protection spring and pump nozzle

5150 DISINFECTION BASIN, 19L

Disinfection basin for boots
Material: Polyethylene
Specification: Resistant to chemicals/highly concentrated chlorine solutions; antislip floor
Volume: 19L
Dimensions: 80 cm x 60 cm x 11 cm (Length x Width x Height)
5151 **BEAKER, POLYPROPYLENE OR PMP, 1000 ml**

Graduated container to measure liquids  
Material: Polypropylene or PMP (TPX)  
Specification: Beaker low form  
Capacity 1000 ml, graduated  
Packaging: Individually packed

5152 **BEAKER, POLYPROPYLENE OR PMP, 100ml**

Graduated container to measure liquids  
Material: Polypropylene or PMP (TPX)  
Specification: Beaker low form  
Capacity 100 ml, graduated  
Packaging: Individually packed
5153 SIGN “BIOHAZARD”, PVC, 125x150mm

Biohazard sign saying “Caution Infectious waste”
Size: 125x150 mm
Material: rigid plastic (PVC) with self-adhesive back

5154 SIGN “NOT DRINKING WATER”, PVC, 125x150mm

Sign saying “Not drinking water”
Size: 125x150 mm
Material: rigid plastic (PVC) with self-adhesive back

5155 SIGN “HANDWASHING”, PVC, 125x150mm

Sign saying “Hand washing prevents disease”
Size: 125x150 mm
Material: rigid plastic (PVC) with self-adhesive back
5156  BAG, plastic for clinical waste, yellow

Safe disposal of clinical waste
Specifications : Waste bag for clinical waste, according UN3291. 60L
Colour : yellow

5157  Submersible electric dirt water pump, 230V, mounted in PVC casing, with adapter to fit 1” male thread

Used to pump off dirty water from the house, garden, ponds and wells. The infinitely variable float switch allows for continuous operation or a pre-selected ON and OFF switching level. Pump housing made of impact-resistant plastic. With carry-handle, high-quality ceramic seal for a long service life and a 90° angle for hose connection.

Specification:

- Mains supply: 230V, 50 Hz
- Power: approx. 780 W
- Delivery capacity: 15000 L/h
- Delivery height: 8 m
- Immersion depth: 7 m
- Size of foreign particles: up to 35 mm
- Power cord: 10 m, H05RN-F

Dimensions (casing): approx. 60cm x 40cm x 45cm
Inlet: 2 x 1-1/4” (32 mm), PVC pipe, 1” female thread
Outlet: 1 x 1-1/4” (32 mm) PVC pipe, 1” female thread
5157a  **Submersible electric dirt water pump, 230V, with adapter to fit 1” male thread**

Used to pump off dirty water from the house, garden, ponds and wells. The infinitely variable float switch allows for continuous operation or a pre-selected ON and OFF switching level. Pump housing made of impact-resistant plastic. With carry-handle, high-quality ceramic seal for a long service life and a 90° angle for hose connection.

**Specification:**

- Mains supply: 230V, 50 Hz
- Power: approx. 780 W
- Delivery capacity: 15000 L/h
- Delivery height: 8 m
- Immersion depth: 7 m
- Size of foreign particles: up to 35 mm
- Power cord: 10 m, H05RN-F
- Hose connection: adapter to fit 1” male thread

---

5158  **Tripod, telescopic, steel**

Heavy duty tripod to lift up to 2000 kg with revolving eye for chain hoist and chain guard

Load-carrying capacity: 2000 kg
Dimensions: A = 2820-5000 mm, D = 2160-4050 mm (at 30 degree inclination of rods), F = 4200 mm
5159 Chain hoist, hand-operated for tripod (5156)

Heavy duty chain hoist to lift up to 2000kg, with overload protection (safety clutch), revolving hook and galvanized steel chain
Load-carrying capacity: 2000 kg
Dimensions: Height = 385 mm

5160 Lifting chain, 4-string, with security hooks

Heavy duty lifting chain to lift more than 2000kg
Chain size: 7 mm
Length L1: 1000 mm
Load-carrying capacity:

at >0-45 degree inclination 3150 kg
at >45-60 degree inclination 2240 kg

5161  **Round sling, 5m, polyester**

Heavy duty round sling to lift 2000kg  
Total length: 5 m  
Load-carrying capacity: 2000kg  
Material: polyester

5162  **RCD/400V warning label/sticker**

Size: 5x10 cm
Achtung: 
Fi-Schutz auf 400V CEE Stecker ist deaktiviert

Attention: 
RCD protection on 400V CEE plug is deactivated

Attention: 
Disjoncteur à 400V CEE prise de courant est désactive

Atención: 
Disyuntor a 400V CEE toma de corriente se desactiva

5163  Safety glasses, unisize

5164  GRC Safety vest, polyester, unisize, ISO 20471

5165  Welding bib apron, leather
Heavy duty bib apron with adjustable neck and belt straps for incinerator operators
Size: 110x80cm / 130x100cm

5166  HOLE SAW SET FOR WOOD, 25-68 mm
With 8 interchangeable inserts Ø 25-68 mm, with pilot drill Ø 6 mm, shank Ø 10 mm

5167  FIRST AID KIT “KITCHEN”
First aid kit for kitchens according to DIN 13157
5168  **GN TRAY 1/1, 2,5l, 2 cm, stainless steel**

5169  **MEAT FORK, stainless steel, 52 cm**

   Meat fork for catering industry
   Length: 52 cm

5170  **CUTTING BOARD, plastic, 40x60x3cm**

   Cutting board for catering industry
   Size: 40x60x3cm
Material: Polyethylen

5171  KITCHEN TABLE, stainless steel, 100 x 70 x H 84-115 cm, with height adjustable legs

Height adjustable kitchen table for catering industry
Size: 100 x 70 x H 84-115 cm
Material: stainless steel
5172 STRING LIGHTS, for 5 LED lamps, with 230V CEE 7/4 (Type F, Schuko) plug and hook, IP44, H05RNH2-F 2 x 1,5 mm², 16 m

5173 CONNECTOR, PVC, 1" female to female

1 inch
2-fold internal thread
Working temperature: constant up to 45 ° Celsius, 60 ° Celsius for a short time
Max. Working pressure: 10 bar

5174 HAND CART, metal, blue, with solid rubber tires
Loading area size: 1200 x 800 mm
Made of steel

5175  **RCD tester, EN 61010-1: CAT III 600 V**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>3 digits, backlight (blue and red)</td>
</tr>
<tr>
<td>RCD types</td>
<td>Normal or selective R</td>
</tr>
<tr>
<td>Voltage range</td>
<td>210 ... 240 V (neuter phase) 50/60 Hz</td>
</tr>
<tr>
<td>Alarm</td>
<td>Input voltage too high, lack of grounding and ground potential above 50 V</td>
</tr>
<tr>
<td>Environmental temp.</td>
<td>Operating: -15 ... +45 °C Storage: -25 ... +70 °C</td>
</tr>
<tr>
<td>Protection type</td>
<td>IP 40</td>
</tr>
<tr>
<td>Weight</td>
<td>340 g</td>
</tr>
<tr>
<td>Dimensions</td>
<td>71 x 210 x 51 mm</td>
</tr>
<tr>
<td>Power supply</td>
<td>4 x 1.5 V AA</td>
</tr>
<tr>
<td>Norms</td>
<td>EN 61010-1: CAT III 600 V EN 61557-6 EN 61236 (EMC)</td>
</tr>
</tbody>
</table>

5176  **CABLE JUNCTION BOX, wall mount, 150x200x100 mm, IP65**
5177 Adapter 400V/16A CEE female to 400V/63A male

specification: IEC 60309
with cord grip and cable bend protection certified by VDE and CE
protection classification: IP44

5178 COUPLING KEY, Storz C-B
5179  SIGN “No Access”, metal, round
Diameter: 400 mm
Material: metal

5180  SIGN “Use eye protection”, metal, round
Diameter: 200 mm
Material: metal

5181  SIGN “Use gloves”, metal, round
Diameter: 200 mm
Material: metal

5182  SIGN “Use face mask”, metal, round
Diameter: 200 mm
Material: metal
5183 **SIGN “Use apron”, metal, round**

- Diameter: 200 mm
- Material: metal

5184 **BARREL INCINERATOR, 230V, with spare parts**

Identical to Elastec SmartAsh

- **Construction:** Stainless steel lid, Painted tubular steel frame
- **2-Blowers, Axial Vane:** 120v standard or 240v optional
- **Requires:** 55 Gallon / 200 litre open head drum
- **Height:** 46 inch / 1.17m
- **Floor Space:** 36 x 26 inch / 0.91 x 0.66m with drum
- **Weight:** 96 lbs / 44kg without drum, 139 lbs / 63kg with steel drum
- **Average Burn Rate:** 50 lbs/hr / 22kg/hr (emission test data available upon request)
- **Power Consumption:** .8 Kw/hr
- **14 amps start – 27 amps run (110v)**
- **7 amps start – 14 amps run (220v)**
- **Recommend a 20 amp breaker**
- **Shipping Dimensions; Without Drum:** 26 x 26 x 20 inch / 0.66 x 0.66 x 0.51m
- **Including spare parts**
5185  HAMMER DRILL, 230 V, 780 W, with drill and chisel set

Technical details:
Power Input: 780 W
No Load Speed: 0 – 1100 min⁻¹
No Load Impact Rate: 0 – 4500 min⁻¹
Single stroke impact thickness: 2.4 J
Drilling Capacity in Concrete: 24 mm
Drilling Capacity in wood: 32 mm
Drilling Capacity in Steel: 13 mm
Chisel adjustment settings: 40x
Fixture: SDS-Plus Drill Bits
Dimensions (L x W x H): 370/84/214 mm
Weight: 2.9 kg

5186  WORKBENCH, foldable, metal

Dimensions: 840 x 1080 x 640 mm (height x length x width)
Working load: 500kg
Foldable workbench
Frame made of welded steel tubing
Wooden plate
5187 **BENCH VISE, 100 mm, rotatable, with anvil**

Heavy duty bench vice made from cast steel with rotating plate and hardened jaws with hammer finish lacquer blue
Jaws hardened, exchangeable 20 x 10 x 100 mm (H x W x D)
Screw distance 60 mm (centre screw to middle of screw head)
360 degrees rotatable base
Material: Cast Steel
With anvil 70 x 60 mm
Clamping width: 100 mm
Jaw Width: 100 mm
Clamp Depth 60 mm
Weight: 5.5 kg
Height: 138 mm

5188 **SCREW CLAMP LM25/8**

Opening (mm): 250 / Throat Depth (mm) 80 / Rail (mm): 20 x 5
5189 **GENERATOR, 11kVA**

Pramac P11000 with Yanmar engine or comparable

- **Fuel:** Diesel
- **Extras:** fuel pre filter
- **Starter:** electrical
- **Continuous power COP:** 10 kVA/8 kW
- **Voltage:** 400 V / 50Hz
- **Protection:** automatic circuit breaker and residual current circuit breaker (ground fault circuit interrupter), emergency stop push switch
- **Outlets:**
  - 1 x CEE 400V 5p 16A IP44
  - 1 x CEE 230V 3p 32A IP44
  - 1 x CEE 230V 3p 16A IP44
  - 1 x CEE 230V 7/3 (Type F, Schuko) IP44
- **Terminal block for direct connection**
- **Instruments:**
  - oil pressure, temperature, hours, voltage, ampere and frequency
- **Noise reduction:** min. 70 dB (A) at 7 m
- **Canopy:** noise reduction canopy
- **Ambient temperature:** For diverse climate conditions
- **Spare parts:**
  - 10 x fuel filters, 10 x oil filters, 3 x air filters, 1 x fan belt
- **Additional:** mounted on chassis frame (with wheels) with Automatic Mains Failure (AMF) panel / Automatic Transfer Switch (ATS) with folding/demountable handle to fit on EURO palette (1200 x 800 mm)
- **12V starter battery:** maintenance-free, proof against deep discharge according to DIN 43 539 T5, trouble-free transport of operational blocks, no restrictions for rail, road, sea and air transport; shelf life up to 2 years without recharge due to the very low self discharge rate
- **Colour:** White
- **Fuel tank capacity:** 24 L
5190 12V BATTERY CHARGER/JUMP STARTER

Connection/Frequency: 230 V ~ 50 Hz
Charging Voltage: 12 V
Load mains 200 – 1200 W
Charging current effective: 18 Amp.
WATER PURIFICATION UNIT, 1m³/h at 100 NTU

Compact and easy to operate mobile water purification unit for sweet water meeting WHO drinking water regulations. Pre-packed and ready to use.

Structurally identical or equivalent to Berkefeld M1 (prototype developed by German Red Cross and Berkefeld/Veolia)

Based on maintenance-free ultrafiltration membrane technology suitable for longer storage periods (>4 years), for normal polluted and germ-contaminated surface or well water.

Capacity/Output: 1m³/h at 100 NTU

Materials: industrial grade; stainless steel, aluminium, PE pipework (no PVC pipes)

Packing: Small packing size, pre-packed in plywood boxes with metal handles (except skid-mounted filters), transportable on EURO pallets by airfreight in passenger planes according to IATA requirements

Quality standards for design/manufacturing:
- EU health and safety regulations
- DIN(EN)
- VDE(IEC)

Consisting of:

1 pcs Stainless steel membrane housing with ceramic UF module, activated carbon module and rack frame

Operation & Disinfection Module consisting of:
1x raw water inlet with D-connection coupling with:
  safety valve, ball valve and, pressure gauge
1x Pure water outlet with D-connection couplings with:
  1x Permeate membrane valve
  1x Flow meter
  1x proportional dosing unit Dosatron
  1x Water meter
  1x Pressure gauge
  1x Sampling valve
1x Concentrate outlet with C-connection coupling with:
  1x Concentrate membrane valve
  1x Flow meter
  1x Deaeration valve
  1x Waste water outlet ball valve
1x Backwash water inlet C-connection coupling
  1x Backwash water inlet ball valve

1 pcs Activated carbon candle (spare)
2 pcs 5m, 2xD pressure hose
1 pcs 5m, 2xD transparent suction hose
4 pcs 5m, 2xC Suction hose black
<table>
<thead>
<tr>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1m, 2xC suction hose, black</td>
</tr>
<tr>
<td>1</td>
<td>5m, 2xC transparent suction hose</td>
</tr>
<tr>
<td>1</td>
<td>15m, 2xD pressure hose</td>
</tr>
<tr>
<td>1</td>
<td>1m, 2xD pressure hose</td>
</tr>
<tr>
<td>1</td>
<td>15m, 2xC pressure hose</td>
</tr>
<tr>
<td>1</td>
<td>Connection hose UF / O&amp;D Module DN 25</td>
</tr>
<tr>
<td>1</td>
<td>Connection hose UF / O&amp;D Module DN 40</td>
</tr>
<tr>
<td>1</td>
<td>Connection hose UF / O&amp;D Module DN 40</td>
</tr>
<tr>
<td>1</td>
<td>CIP tank, 100l, blue, with &quot;CIP tank&quot; label on the outside, with liter measuring scale on the inside</td>
</tr>
<tr>
<td>2</td>
<td>holding braces</td>
</tr>
<tr>
<td>1</td>
<td>Ball valve CC</td>
</tr>
<tr>
<td>1</td>
<td>Inflow pipe 1D, for CIP tank</td>
</tr>
<tr>
<td>1</td>
<td>stream water distributor DDD</td>
</tr>
<tr>
<td>1</td>
<td>T-distributor DD</td>
</tr>
<tr>
<td>1</td>
<td>suction basket with check valve 1D</td>
</tr>
<tr>
<td>1</td>
<td>suction basket with check valve 1C, for CIP tank, 8mm mesh size</td>
</tr>
<tr>
<td>1</td>
<td>Y-Distributor, C - CC</td>
</tr>
<tr>
<td>5</td>
<td>Transition C-D</td>
</tr>
<tr>
<td>3</td>
<td>COUPLING, &quot;Storz D&quot; with 1&quot; threaded female</td>
</tr>
<tr>
<td>3</td>
<td>COMPRESSION COUPLING, 1&quot; male to 32mm</td>
</tr>
<tr>
<td>1</td>
<td>floater</td>
</tr>
</tbody>
</table>

- dosing device with venturi nozzle DD, mounted on PVC plate with 2x D-coupling
- 1x venturi nozzle
- 1x non return valve
- 1x needle valve
- 1x flow indicator
- 1x suction line

<table>
<thead>
<tr>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dosatron spare part set</td>
</tr>
<tr>
<td>1</td>
<td>stirring paddle</td>
</tr>
<tr>
<td>1</td>
<td>Water meter DD</td>
</tr>
<tr>
<td>1</td>
<td>measuring cup 1000ml</td>
</tr>
<tr>
<td>2</td>
<td>measuring cup 100ml</td>
</tr>
<tr>
<td>4</td>
<td>pressure hose 2D-15m for flocculation line</td>
</tr>
<tr>
<td>1</td>
<td>Raw water pump DD, electric, 230V, IP44, Qnom = 4cbm/h</td>
</tr>
<tr>
<td>1</td>
<td>Pure Water pump CC, electric, 230V, IP44, Qnom = 4cbm/h</td>
</tr>
<tr>
<td>1</td>
<td>bucket, 17l</td>
</tr>
<tr>
<td>1</td>
<td>bucket, 10l, white, for CIP tank</td>
</tr>
<tr>
<td>1</td>
<td>5l jerry can, white with suction device for Dosatron (conducted trough cap)</td>
</tr>
<tr>
<td>1</td>
<td>wide outlet dosing tank with tamper (1x aluminum sulfate)</td>
</tr>
<tr>
<td>2</td>
<td>coupling key</td>
</tr>
<tr>
<td>1</td>
<td>Pipe wrench 50 mm</td>
</tr>
<tr>
<td>1</td>
<td>strap wrench</td>
</tr>
</tbody>
</table>
1 pcs hammer, 500gr
1 pcs cross-tip screwdriver size 2
1 pcs flat-headed screwdriver 9 x 150
1 pcs allen key 5
1 pcs allen key 6
1 pcs allen key 8
6 pcs O-Ring DN25, 33 x 3.53 mm
6 pcs O-Ring DN40, 58 x 47 x 5.34 mm
2 pcs O-Ring DN50, 70 x 60 x 5.34 mm
5 pcs gasket Storz D
5 pcs 1-ear clamp d13.8
2 pcs Hose clamp 59 - 63mm
2 pcs hose clamp 37-40mm
2 pcs teflon gasket strip
1 pcs flat-headed screwdriver 4,5 x 90
1 pcs O-Ring DN40, 58,74 x 3,53 mm
2 pcs O-Ring DN40, 17,86 x 2,62 mm
2 pcs O-Ring DN40, 43,82 x 5,34 mm
2 pcs O-Ring DN25, 11,91 x 2,62 mm
1 pcs O-Ring DN32, 37,69 x 3,53 mm
2 pcs O-Ring DN25, 28,17 x 3,53 mm
2 pcs ball seal, white, PTFE, 41,5 x 6 mm
2 pcs ball seal, white, PTFE, 24,8 x 4,2 mm
2 pcs Combination spanner for filter dome
1 pcs DPD test tablets free chlorine (100pc)
1 pcs Phenol red (100pc)
1 pcs Measuring strips pH 0 - 14
1 pcs pooltester pH/Cl2
1 pcs turbidity tube, 3 parts
5192 4-WAY DISTRIBUTOR, for insulated air hoses

Material: metal
Inlet: 1 x 315 mm diameter
Outlet: 4 x 224 mm diameter
Total size: approx. 900 x 650 x 315 mm

Each outlet can be opened/closed with a handle
The distributor is made up of two parts which can be easily assembled
5193 **PUMP, MAST NP12E, multi-purpose, 400V, CEE 16A 5-pole, Storz B**

Self-priming centrifugal pump applicable for wastewater, light fuel oil, diesel fuel, and other non-aggressive liquids.

**Specifics:**
- Self-priming from 8.4 m
- with built-in non-return valve
- maintenance-free
- dry-running safe

**Power:**
- 3~ 400 V rotary current
- engine power P1: 4 kW
- Rated current: 7.3 A
- Height H (max.): 20 m
- Rate Q (max.): 1200 l/min

<table>
<thead>
<tr>
<th>Delivery rate Q l/min</th>
<th>1200</th>
<th>1100</th>
<th>910</th>
<th>640</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivery height H m (WC)</td>
<td>0</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>20</td>
</tr>
</tbody>
</table>

**Fluids:**
- pH-range: 5 - 8
- density of medium max: 1.1 kg/dm³
- temperature of medium to be pumped max: 100 °C

**Measures:**
- length: 700 mm
- width: 490 mm
- height: 550 mm
- weight: 67 kg

**Connections:**
- companion dimensions: G 2.5"
- STORZ - coupler: B (inlet and outlet)
- Solids passage: 20 mm
- connecting bend: H 07 RN-F 4G1,5 (1,5 m)
- connecting plug: CEE 16 A 5-pole Starter plug with motor protection and on- /off-switch, phase sequence indicator and phase inverter

**Materials:**
- pump body: Aluminium alloy acc. to DIN EN 1706*
- blade wheel: Special cast iron acc. to DIN EN 1561
- control device: Special cast iron acc. to DIN EN 1561
- seals: Mineraloil resistant rubber
- Face seal carbon / carbid
5194 RAW WATER PUMP KIT, electric, floating, 400V/16A

Submersible pump with a mountable floating device

Pump: Grundfos SP 95-1 (MS6000T40 motor) or MAST T20 or comparable (delivery rate: approx. 1980 l/min at 5m height)
Power requirement: max. 5 - 5.5 kW
Pump outlet: Storz A

Additionally supplied with:
- 1 x Storz A-B coupling
- 1 x Storz B to 3" female coupling
- 1 x Storz A to 4" female coupling
- 1 x HOSE, flexible spiralled for suction, Storz A, type fire brigade, 1,6 m
- 1 x COUPLING, COMPRESSION, thread. male 4" to pipe d.ext. 90mm
- 1 x COUPLING, COMPRESSION, thread. male 4" to pipe d.ext. 110mm
- 2 x COUPLING KEY, Storz ABC
- 1 x HOSE, FLAT for delivery, Storz A, type fire brigade, 30m

Power supply/connector: H07RN-F 4G2,5; length: 40m; with CEE 16 A 5-pole plug incl. motor protection/circuit breaker with on / off switch (IP67)

Floating device components:
- dismantable or inflatable floating bodies/frame
- roller or chain to lift/lower pump (operated manually)
WATER PURIFICATION UNIT, 4m³/h at 100 NTU

Compact and easy to operate mobile water purification unit for sweet water meeting WHO drinking water regulations. Works without electricity. Pre-packed and ready to use.

Structurally identical or equivalent to Berkefeld M4 light (old name: TWA 4 light)

Provided with glass beads filtration media (120kg SiLibeads FM FINE 0,50 – 1,00 mm, i.e. SiLibeads 4500510T) instead of sand

Capacity/Output: 4m³/h at 100 NTU

Materials: industrial grade

Packing: Small packing size, pre-packed in plywood boxes with metal handles (except skid-mounted filters), transportable on EURO pallets by airfreight in passenger planes according to IATA requirements
5196  DOSING DEVICE, for water purification unit 4m3/h at 100 NTU

Dosing device for chemicals (chlorine, aluminium sulfate, …) to be used together with a water purification unit (4m3/h at 100 NTU); with hinges for filter frame mount

Supplied with English operating manual (hard and soft copy).

Inlet: Storz C

Outlet: Storz C

Materials: industrial grade

Packing: Small packing size, optimised for airfreight
5197 PALLET TRUCK, hand operated, double rollers, 2000kg lift capacity

For transportation of a loaded pallet inside a warehouse or to load trucks; appropriate on any hard surface.

Specifications:
- Standard size pallet trolley with a lift capacity of 2000 kg
- Fork length: 1150 mm
- Strong construction (heavy-duty steel), with painted iron
- Front wheels made of double articulated rollers, of strong synthetic material
- Double rear wheels
- Easy-to-operate lift pump and release handle
- Approved as safe by a reliable certification company specialized in lift-equipment safety
- Maintenance-free design with all connections lubricated for life
5198 PUMP, DIESEL, MAST NP12D, Storz B

Self-priming centrifugal all-purpose pump, MAST NP12D. Ready to use
Pumping rate: 1200l/min
Pumping Head: 28m
Connection size: G 2.5", Storz B coupling (inlet/outlet)
Engine: 4-stroke diesel Hatz 1B30

Supplied with spare part set and exhaust pipe
5199 SUBMERSIBLE WATER PUMP KIT, electric, 230V, 50Hz

Pump: MAST TP 4-1 according to DIN 14 425 or comparable (delivery rate: approx. 400 l/min at 10m height)
Power requirement: max. 1,8 kW
Pump outlet: Storz B

Additionally supplied with:
- 1 x Storz B to 2 ½” female coupling
- 1 x Storz B to C coupling
- 1 x COUPLING, COMPRESSION, thread. male 2 ½” to pipe d.ext. 63mm
- 2 x COUPLING KEY, Storz ABC
- 1 x HOSE, FLAT for delivery, Storz B, type fire brigade, 20m
- 1 x 20 m work line with carabiner according to DIN 14 920 PA
- 1 x 230 V plug-in personal protection device with 1.5 m connection cable 3G1.5 mm² and Schuko plug IP 44 / Schuko coupling IP 67 and with on / off switch

Power supply/connector: H07RN-F 3G1,5; length: 20m; with CEE 7/4 (Type F, Schuko) plug IP67

5200 GENERATOR, 12kVA

Pramac P12000 with Hatz engine or comparable

Fuel: Diesel
Extras: fuel pre filter
Starter: electrical
Continuous power COP: 12 kVA/9.6 kW
Voltage: 400V/230V 50Hz
Protection: automatic circuit breaker and residual current circuit breaker (ground fault circuit interrupter), emergency stop push switch
Outlets: 1 x CEE 400V 5p 32A IP44
- 1 x CEE 400V 5p 16A IP44
- 1 x CEE 230V 3p 16A IP44
- 1 x CEE 230V 7/3 (Type F, Schuko) IP44
Terminal block for direct connection

Instruments: oil pressure, temperature, hours, voltage, ampere and frequency
Noise reduction: min. 70 dB (A) at 7 m
Canopy: noise reduction canopy
Ambient temperature: For diverse climate conditions
Spare parts: 10 x fuel filters, 10 x oil filters, 3 x air filters, 1 x fan belt
Additional: mounted on chassis frame (with wheels)
- with Automatic Mains Failure (AMF) panel / Automatic Transfer Switch (ATS)
- with folding/demountable handle to fit on EURO palette (1200 x 800 mm)

12V starter battery: maintenance-free, proof against deep discharge according to DIN 43 539 T5, trouble-free transport of operational blocks, no restrictions for rail, road, sea and air transport; shelf life up to 2 years without recharge due to the very low self discharge rate

Colour: White
Fuel tank capacity: 17-24 L