

## ***ANNEX II + III:***

### **TECHNICAL SPECIFICATIONS + TECHNICAL OFFER Part 2 of 2**

**Contract title: Supply of Hospital Furniture and Biomedical Equipment for General Ward and Delivery Unit of Saudi Maternity Hospital in Kassala - SUDAN**

**Publication reference: Z1C31738C8**

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

[The General Requirements Compliance Form](#) **(click here to go to the general requirements compliance form)**

[The ITEM Compliance Form](#) **(click here to go to Index of Compliance forms)**

#### **NOTES:**

Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),

Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)

Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

**Go to Layouts and Distribution Plan**

# **X. ITEM NAME // SPECIFY Manufacturer and Model Name of the item offered**

1 Spec Line	Technical Specification Required	Technical Specification offered by the Tenderer; please complete	Notes, Deviation, observation
2 Spec Line			
...			
...			
...			
...			
...			
...			
...			
...			
...			

Please attach to the form the complete technical specifications, as declared by the Manufacturer.

Please Attach to the Form the **brochures** as released by the manufacturer, with pictures in colour of the equipment

Please Attach to the Form the relevant technical Document related with the Equipment offered (such as Quality Control Certificate, ISO Standards etc..)

Technical Specification to be completed by the tenderer. Please note that for each numeral, the tenderer has to write out the Technical Specification corresponding to the Technical Specification required. It will not be sufficient for the Evaluation Committee an answer with a simple YES or NO.

In the case in which the Technical Specification offered do not comply with the Technical Specification required, the tenderer should justify or describe, based on its own experience, the reason of the deviation and which aspect such deviation can affect the overall functioning of the equipment.

**TENDER reference no: Z1C31738C8**

**Name of Bidder :**

Bidders are required to complete the Comparative Data Tables included in ANNEX II and III: Schedule of Requirements to demonstrate compliance with AICS requirements and insert them below. Bidders are NOT allowed to make any change in the “AICS requirements” columns of the Comparative Data Tables. Such changes might disqualify your quotation.

**i. General qualification requirements — Comparative Data Table**

#	Minimum General Requirement	Is Bid compliant? Bidder to complete	Notes
<b>A</b>	<b>INTERNATIONAL STANDARDS</b>		
a.1	All devices should be CE Marked and compliant to Directive 93/42/EEC Medical Devices Compliant		
a.2	Directive 97/23/EC Pressure Equipment whereas apply		
a.3	Directive 98/37/CE Safety of Machinery whereas apply		
a.4	ISO 13485, Medical devices – Quality management systems for manufacturer of Biomedical Equipment		
a.5	Every device shall be Compliant with standards regarding Electromagnetic Interference IEC 60601-1-2 and/or EMC DIRECTIVE 2014/30/EU and/or BS EN 61326-1:2013		
a.6	IEC-60601-1-2:2001, General Requirements of Safety for Electromagnetic Compatibility.		
a.7	Every device using electrical power supply should be compliant with IEC 61010-1(or any international equivalent) covering safety requirements for electrical equipment for measurement control and laboratory use)		
a.8	Should meet IEC 529 Level 3 (IP3X) (spraying water) for enclosure protection, water ingress whereas apply		
<b>B</b>	<b>WARRANTY AND AFTER SALE</b>		
b.1	All Items must have 12 months of warranty starting from the commissioning of the equipment. Warranty must cover all the necessary maintenance work/services including spare parts, equipment substitution/replacement . Additional 12 months warranty will be quoted separately and AICS will reserve the right to extend the warranty at the price stated in the offer		
b.2	All components made in stainless steel must have five (10) years warranty		
b.3	For every maintenance intervention, the Contractor shall submit a Service Report. All those reports/certificates will provide the basis for issuance of a certificate of full implementation of after sale service necessary to issue the Certificate of Final Acceptance and the release of Performance Security.		

b.4	All maintenance works must be carried out in the presence of a Technical Personnel of the healthcare facilities who should be trained on the job. Service shall be undertaken by competent and Manufacturer authorized/trained technical personnel certified by the manufacturer. The bidder shall declare the minimum maintenance intervention foreseen for each item during the warranty period.		
b.5	Number of mandatory intervention per year shall be In accordance with manufacturers recommendations		
<b>C</b>	<b>TECHNICAL DOCUMENTATION</b>		
c.1	User/Technical/Maintenance manuals to be supplied in English language in two (2) copies that describe the complete equipment operations, parts, electronic circuits, programs implementation, in hard and soft copy		
c.2	<b>Minimal requirements for User Manual:</b> Physical Description, Features and Functions, Operating Instructions Operational, Checks and Technical procedure, Illustrations, Performance Characteristics, User's Preventive Maintenance		
c.3	<b>Technical Manual should disclose the following issues:</b> System Overview. Installation Instructions, Spare Parts List, Wiring Diagrams, Maintenance Plan, Adjustments, troubleshooting, calibrations etc. List of Equipment available for providing calibration and routine maintenance. Certificate of calibration and inspection from the Manufacturer. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the technician should be clearly spelt out		
<b>D</b>	<b>MARKING OF THE ITEMS AND LABELLING OF BOXES</b>		
d.1	All items have to be marked in a clear, visible and permanent way and must include all the information as required by <i>ISO 15223-1:2016 Medical devices -- Symbols to be used with medical device labels, labelling and information to be supplied -- Part 1: General requirements</i> and IEC 60601-1 referring to electrical classification.		
d.2	The tag shall clearly indicate the name and address of the manufacturer or authorized representative, written in full or abbreviated (in case of abbreviation it has to allow the identification of the manufacturer) the date of manufacturing (year and month of production), Lot and Serian Number		
d.3	TheAdditional tags will be applied on every item (where possible and with all the information at point 2) in a form of QR code ) readable by smartphone or tablet		
d.4	All boxes will carry an appropriate labelling for easy identification of the type of items and delivery place (batch number).		
<b>E</b>	<b>PACKAGING</b>		
e.1	Tertiary or transit packaging has to be used for bulk handling, warehouse storage and transport shipping. The cargo should come in palletized unit loads.		
e.2	Reinforced corrugated cartons with some degree of water resistance will be used for secondary packaging. In the case, wooden boxes will be used for the most sophisticated equipment		
e.3	Shipments of hazardous materials or dangerous goods need to have special information and symbols (labels, placards, etc.) as required by country, and specific carrier requirements.		
e.4	The shipment will be de-palletized at some <i>break-in-bulk</i> point where goods will be transferred from one mode of transport to another. Appropriate packaging should be provide to suit this purpose.		
<b>F</b>	<b>DELIVERY, RECEIPT, INSTALLATION AND COMMISSIONING</b>		

f.1	The logistics of the intervention will be defined according to the Contract Special Conditions once the contract is signed.		
f.2	Successful bidder is responsible for site inspection and evaluation of the following:		
f.3	Quality of electric installation (earth, neutral, phases, electric board, etc);		
f.4	Quality of hydraulic installation (water supply, water pressure, intake diameter, etc);		
f.5	Environmental conditions (ventilation, illumination, humidity, radiations, protections, etc.).		
f.6	The successful bidder shall be responsible for timely notifications to AICS concerning any special requirements for the proposed equipment models in order to ensure a successful installation process.		
f.7	At the moment of delivery, all goods supplied under the contract will be inspected and tested in order to verify compliance with the technical specifications, correct installation and full/complete and proper functionality.		
f.8	The contractor must provide all materials, equipment and devices needed to implement a complete and safe installation and commissioning of the equipment supplied. The contractor should provide all the tools, manpower, technical direction, management/supervision, application services and any other services required, although not expressly stated in the Special/General Conditions of Contract.		
f.9	Additionally, the contractor will be responsible for any necessary modifications/changes to existing infrastructure and will be responsible for rectifying any damage resulting from its activity.		
f.10	The successful bidder, after being awarded the contract should inspect the facilities prior to the installation to minimise the issues at the moment of the installation		
<b>G</b>	<b>ELECTRICAL GENERAL PROVISIONS</b>		
g.1	All equipment must comply with the Electrical Standard present in SUDAN. The electrical system in SUDAN is: 220V output, frequency: 50 Hz, single-phase and three-phase		
g.2	The power plugs that are sufficient for the maximum voltage and current of the unit		
g.3	The unit should be provided with a line (power) cord of acceptable durability, quality, length, and capacity and should be secured with adequate strain reliefs		
g.5	When expressly required in Technical data Forms, the equipment Should be supplied with appropriate UPS, medical grade, rated as requested.		
g.6	If required, resettable over-current breaker shall be fitted for protection for the most critical items		
g.7	The contractor has to check the power supply provision to prevent injury to people and damage to equipment.		
<b>H</b>	<b>ENVIRONMENTAL FACTORS</b>		
h.1	The unit should be capable of being stored continuously in ambient temperature of 0 -50° C and relative humidity of 15-90%		
h.2	The unit should be capable of operating continuously in ambient temperature of 10 -40°C and relative humidity of 15-90%		
<b>I</b>	<b>REAGENTS, CONSUMABLES AND SPARE PARTS</b>		

i.1	Reagents must have at least 18 months validity from the date of commissioning of the goods and have to be possible the storing for at least 15 days without refrigeration. Where these conditions could not be met, the reagents must have a conservation period Compatible with the environment and transportation to SUDAN - final delivery destinations.		
i.2	Supplier shall ensure the availability of spare parts from the supplier or a local representative should be guaranteed for the life span of the equipment after the commissioning. (the supplier to ensure that products do not go out of date in 5 years)		
i.3	The bidder will include in its offer a list of consumables, regents and most common spare parts with relative FCA prices		
i.4	The mandatory consumable and spare parts indicated in the technical specifications have to be included in the price of the bid and have to be calculated per each item they refers to.		
i.5	The list of important spare parts and accessories with their part numbers and prices shall be included in the offer. Nevertheless, the list will not be considered in the evaluation		
<b>L</b>	<b>CONTROLS</b>		
l.1	The controls (e.g., switches, knobs) should be visible and clearly identified, and their functions should be self-evident.		
l.2	Device design should prevent misinterpretation of displays and control settings.		
l.3	Switches and controls should be protected against accidental setting changes (i.e., due to someone brushing against the panel).		
l.4	Controls should be sealed against penetration of liquids.		
<b>M</b>	<b>CONSTRUCTION QUALITY</b>		
m.1	The equipment anf furniture should have no sharp edges.		
m.2	All external components should be securely mounted.		
m.3	The units should be secure and provide adequate protection against moving parts.		
m.4	The units should be well constructed with durable materials to withstand typical abuse and cleaning.		
m.5	Switches, knobs, and other controls should be designed for conditions of heavy use.		
m.6	Wiring and tubing should be neatly arranged and bundled, if appropriate.		
m.7	Mechanical, pneumatic terminators, connectors, sockets, and welded joints should be designed to prevent fluid penetration, incorrect connections, and mismatching of fittings and couplings.		
<b>N</b>	<b>TRAINING BY SUPPLIER</b>		
n.1	The contractor will carry out a comprehensive training addressed to the operators of the hospital facilities assigned to the equipment.		
n.2	The training will be supervised by AICS Personnel and certified by SUDAN Health Service representatives and Hospital/facility Management. The training will be held in the facilities of the installation of the equipment.		
n.3	Training will include, at least:		
n.4	1. Full Technical operation and programming of all parameters of the equipment.		
n.5	2. Components of equipment.		
n.6	3. Common faults on the equipment and easy troubleshooting.		
n.7	4. Preventive maintenance of equipment to be carried out by the operators.		

n.8	5. Preventive/corrective maintenance on behalf of specialized technicians.		
n.9	6. Most common repairs.		

**Supply of Hospital Furniture and Biomedical Equipment for General Ward and Delivery Unit of Saudi Maternity Hospital in Kassala – SUDAN.**

<b>FURNITURE (LOT 1)</b>		<b>Quantity</b>
f1	<a href="#">Archive with locker</a>	2
f2	<a href="#">Bed, delivery, w accessories</a>	16
f3	<a href="#">Bed, ward, General Medicine, w/mattress</a>	90
f4	<a href="#">Cabinet, Ambulatory</a>	7
f5	<a href="#">Cabinet, Bedside</a>	106
f6	<a href="#">Chair, Hospital</a>	2
f7	<a href="#">Chair, Office</a>	4
f8	<a href="#">Clock, wall mounted</a>	3
f9	<a href="#">Couch, Lounge three seats</a>	1
f10	<a href="#">Cradle, neonatal</a>	22
f11	<a href="#">Cupboard</a>	2
f12	<a href="#">Desk, Writing, Ambulatory</a>	4
f13	<a href="#">Folding screen room dividers</a>	45
f14	<a href="#">IV Pole, stand</a>	10
f15	<a href="#">Shelves, modular, Inox</a>	3
f16	<a href="#">Steps</a>	2
f17	<a href="#">Table, Delivery w/accessories</a>	6
f18	<a href="#">Trolley, Emergency</a>	2
f19	<a href="#">Trolley, Inox, Operating Room</a>	7
f20	<a href="#">Trolley, Medication</a>	5
<b>GENERAL EQUIPMENT (LOT 2)</b>		
g1	<a href="#">PC WorkStation</a>	2
g2	<a href="#">Printer, Laser, Color, Multipurpose</a>	1
g3	<a href="#">UPS, medical grade, 2000 VA</a>	1
g4	<a href="#">Water Cooler</a>	2
<b>MEDICAL DEVICES (LOT 2)</b>		
d1	<a href="#">Ambu Bag, Adult</a>	5
d2	<a href="#">Ambu Bag, Pediatric</a>	5
d3	<a href="#">Flowmeter Regulator</a>	37
d4	<a href="#">Laryngoscope</a>	5
d5	<a href="#">Sphygmomanometer, Adult, Pediatric</a>	8
d6	<a href="#">Stethoscope, Dual Head</a>	17
d7	<a href="#">Stethoscope, foetal</a>	4
d8	<a href="#">Thermometer, Infrared, electronic</a>	8
d9	<a href="#">Vacuum Extractor, Manual</a>	4
d10	<a href="#">Weighting Scale, Adult</a>	6
d11	<a href="#">Weighting Scale, Newborn</a>	8
<b>MEDICAL EQUIPMENT (LOT 2)</b>		
m1	<a href="#">Aspirator, Emergency</a>	5
m2	<a href="#">Aspirator. Surgical</a>	9
m3	<a href="#">Defibrillators, Automated</a>	4
m4	<a href="#">Doppler, Fetal Heart, Ultrasonic Detector</a>	5
m5	<a href="#">Electrocardiographs, Multichannel, Interpretative</a>	4



<a href="#">m6</a>	<a href="#">Lights, Examination</a>	7
<a href="#">m7</a>	<a href="#">Monitors, Bedside, foetal</a>	1
<a href="#">m8</a>	<a href="#">Oximeter, Pulse</a>	10
<a href="#">m9</a>	<a href="#">Oxygen Concentrator</a>	4
<a href="#">m10</a>	<a href="#">Refrigerator, drugs, 140 l</a>	4
<a href="#">m11</a>	<a href="#">Scanning System, ultrasonic, portable</a>	1
<b>INOX MEDICAL TOOLS (LOT 2)</b>		
<a href="#">i.1</a>	<a href="#">Inox medical tools</a>	1

**ARCHIVE, WITH LOCKER**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Archive made of metallic steel sheet for filing the documents. To be used for filing purposes. Every drawer has to be tagged with a plate. The handle shall be in-built.		
<b>2 MAIN FRAME</b>			
<b>3 Material</b>	Steel sheet		
<b>4 Rounded Edges</b>	Yes		
<b>5 Coating</b>	Epoxy Powder Painting		
<b>6 DRAWERS</b>			
<b>7 Number</b>	4		
<b>8 Material</b>	Steel		
<b>9 Closing mechanism</b>	Ball bearing rails and end stoppers		
<b>10 Locker</b>	Yes		
<b>11 Identification Plate</b>	Yes		
<b>12 Document Handling</b>	Legal Paper Size		
<b>13 Handles</b>	In-built		
<b>14 FLOOR FOOTING</b>			
<b>15 Type</b>	Rubber Stopper		
<b>16 DIMENSION, mm</b>	470 x 630 x 1320 H ca		

**BEDS, DELIVERY, W/ACCESSORIES**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Bed for labour delivery. Birthing beds allow women in labor to assume more natural delivery positions and, in many cases, to remain in the same bed throughout labor, delivery, and the postpartum period		
<b>2 UMDNS</b>	[18-388]		
<b>3 CE MARKED</b>	YES		
<b>4 CRUTCHES</b>			
<b>5 Height adjustable</b>	YES		
<b>6 Width adjustable</b>	YES		
<b>7 Crutches setting</b>	Sturdy clamps with heavy knob.		
<b>8 CONFIGURATION</b>	3 section, Backrest, seat, foot		
<b>9 FRAME</b>			
<b>10 Tube section</b>	Rectangular/circular		
<b>11 Material</b>	epoxy coated tubular steel.		
<b>12 High resistance to corrosion</b>	Yes, for tropical environment		
<b>13 Sliders for the knee crutches</b>	Tubular steel, welded to the bed frame with Recession tracks smoothly finished for easy sliding		
<b>14 CARRYNG CAPACITY</b>	≥150kg.		
<b>15 MATTRESS</b>	High-density polyurethane foam, density approx. 30 kg/m3.		
<b>16 BACK</b>			
<b>17 Adjustable</b>	0 to 70°		
<b>18 Adj. Mechanism</b>	Ratchet		
<b>19 Padded (cm)</b>	Yes, 10 cm		
<b>20 Upholstery</b>	Yes, leatherette, Colour Green/Blue		
<b>21 Removable</b>	Yes,via side zipper.		
<b>22 Fire Retardant</b>	Yes		
<b>23 Chemical Resistant</b>	Yes		
<b>24 SEAT</b>			
<b>25 Mattress cut-out</b>	Yes		
<b>26 Bowl (basin)</b>	Yes, Stainless Steel		
<b>27 Padded (cm)</b>	Yes, 10 cm		
<b>28 Upholstery</b>	Yes, leatherette, Colour Green/Blue		

<b>29 Removable</b>	Yes, via side zipper.		
<b>30 Fire Retardant</b>	Yes		
<b>31 Chemical Resistant</b>	Yes		
<b>32 FOOT</b>			
<b>33 Height adjustment</b>	Yes		
<b>34 Adjustment Mechanism</b>	Hydraulic		
<b>35 Adjustment Range (cm)</b>	55 to 90		
<b>36 Detachable</b>	Yes		
<b>37 Padded (cm)</b>	Yes, 10 cm		
<b>38 Removable</b>	Yes, via side zipper.		
<b>39 Upholstery</b>	Yes, leatherette, Colour Green/Blue		
<b>40 Fire Retardant</b>	Yes		
<b>41 Chemical Resistant</b>	Yes		
<b>42 FLOOR FOOTING</b>	On casters with brakes		
<b>43 ACCESSORIES</b>			
<b>44 Side rails collapsible (qt)</b>	2		
<b>45 Hanger with hooks (Qt)</b>	4		
<b>46 Grip handles</b>	2		
<b>47 Leg holders (detachable)</b>	2		
<b>48 Knee crutches (qt)</b>	2		
<b>49 Foot support (qt)</b>	2		
<b>50 Bowl (basin) (qt)</b>	1		
<b>51 Lifting pole</b>	1		
<b>52 Infusion rod</b>	1		
<b>53 Labour / squatting bar</b>	1		
<b>54 Head/shoulder support</b>	1		

**BED, WARD, GENERAL MEDICINE**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 PURPOSE</b>	Patient Bed, for general medicine patients, mechanical, two sections, robust construction, upper section movement capability Trendelemburg, with casters, esthetic appearance with header and footer colored panels.		
<b>2 CE MARKED</b>	YES		
<b>3 CONFIGURATION</b>			
<b>4 Sections (n)</b>	2		
<b>5 Mechanical</b>	Yes		
<b>6 Head section angle (°)</b>	0-45		
<b>7 Head Section Adjustment</b>	Ratchet		
<b>8 Trendelemburg/Reverse</b>	Yes		
<b>9 MAIN FRAME</b>			
<b>10 Material</b>	Chromed Stainless steel or Epoxy Powder Coated Steel		
<b>11 Type</b>	Tubular, Semi-Oval/Rounded		
<b>12 Section dimension, mm</b>	30		
<b>13 Max Safe Load, kg</b>	175		
<b>14 Joints</b>	Operable, Nylon/Metal		
<b>15 SECTIONS FRAME</b>			
<b>16 Material</b>	Chromed Stainless Steel or Powder Coated Steel		
<b>17 Type</b>	Tubular, Rounded		
<b>18 Section dimension, mm</b>	15 (diameter)		
<b>19 SUPPORT FRAME</b>			
<b>20 Material</b>	Chromed Stainless Steel or Powder Coated Steel		
<b>21 Type</b>	Tubular, Rounded/Semi-oval		
<b>22 Section Dimension, mm</b>	30		
<b>23 PLATFORM</b>			
<b>24 Material</b>	Powder Coated Steel		
<b>25 Type</b>	Steel Welded mesh or Plastic Molded		
<b>26 Removable</b>	Yes		
<b>27 Aeration slit</b>	Yes		
<b>28 FLOOR FOOTING</b>	Rubber Stopper		
<b>29 HEAD AND FOOT BOARDS</b>			
<b>30 Frame Material</b>	Powder coated steel or Chromed Steel		
<b>31 Board Material</b>	High Pressure Plastic Laminate		
<b>32 Board Thickness, mm</b>	10		

<b>33 Removable</b>	Yes		
<b>34 Bumpers</b>	Yes, 4 at each corners		
<b>35 Joints</b>	Operable, Nylon/Metal		
<b>36 MATTRESS</b>			
<b>37 Material</b>	Urethane Foam Sponge, not deformable		
<b>38 Thickness (mm)</b>	> 200		
<b>39 Upholstery</b>	Vinyl leather		
<b>40 Disinfection resistant</b>	Yes, to all cleaning and chemical agents		
<b>41 Flame Retardant</b>	Yes		
<b>42 OVERALL DIMENSIONS</b>			
<b>43 Length (mm)</b>	2200		
<b>44 Width (mm)</b>	950		
<b>45 Height (mm)</b>	550		
<b>46 Head and foot end (mm)</b>	900		
<b>47 ACCESSORIES</b>			
<b>48 IV Pole, Qt</b>	1 x bed		
<b>49 Patient File Holder, Qt</b>	1 x bed		
<b>50 Bedpan Holder</b>	1 xbed		
<b>51 Mosquito Net + Rod, Qt</b>	1 x bed		
<b>52 SERVICES</b>			
<b>53 Installation and Assembly</b>	Yes, on destination Room according to Distribution Plan		
<b>54 Spare parts availability</b>	10 Years		

**CABINET, AMBULATORY**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Cabinet with upper and lower compartment for furnishing of nursery rooms. The colour and design of cabinet has to be in accordance with the other pieces of furniture and has to be designed in aesthetic and accurate fashion.		
<b>2 CONFIGURATION</b>			
<b>3 Upper cabinet</b>	Two doors, with adjustable shelves		
<b>4 Lower Cabinet</b>	Two doors, with shelf		
<b>5 MAIN FRAME</b>			
<b>6 Material</b>	Made of steel sheet 0,8 mm		
<b>7 Rounded Edges</b>	Yes		
<b>8 Coating</b>	Epoxy powder (average coating 90 micron, 200°)		
<b>9 DOORS</b>			
<b>10 Upper Cabinet</b>	2, Glass doors with frame in Anodized Alloy		
<b>11 Lower Cabinet</b>	2, Doors made of steel sheet 0,8 mm epoxy powder painted		
<b>12 Lockers</b>	Yes, cylinder with Keys		
<b>13 Handles</b>	Anodized Alloy/Steel applied on the door		
<b>14 Opening</b>	Flipping doors		
<b>15 FLOOR FOOTING</b>			
<b>16 Type</b>	Feet with Rubber Stopper		
<b>17 Adjustable</b>	Yes		
<b>18 Support Material</b>	Tubular Anodized Alloy/Metal tubular		
<b>19 SHELVES</b>			
<b>20 Number</b>	3 in the upper cabinet, 1 in lower cabinet		
<b>21 Material</b>	Stainless steel sheet powder coated		
<b>22 Adjustable</b>	Yes		
<b>23 DIMENSION, mm</b>	800 x 400 x 180 H ca		

**CABINET, BEDSIDE**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Bedside Cabinet for Hospital Ward, solid and robust construction, esthetic finishing, with overbed table. Color and esthetic design in accordance with the beds and other pieces of furniture of the wards.		
<b>3 MAIN FRAME</b>			
<b>4 Material</b>	Stainless Steel Plate		
<b>5 Coating</b>	Epoxy Powder		
<b>6 Thickness</b>	> 0,8 mm		
<b>7 TOP</b>			
<b>8 Material</b>	Thermoformed Stain Proof ABS		
<b>9 Borders</b>	Raised Edges		
<b>10 Corners</b>	Rounded		
<b>11 Color</b>	In accordance with Hospital beds.		
<b>12 DRAWER</b>			
<b>13 Material</b>	Thermoformed ABS		
<b>14 Front Panel</b>	High Pressure Plastic Laminate, 10 mm		
<b>15 Removable</b>	Yes		
<b>16 Multi-compartment</b>	Yes		
<b>17 Closing</b>	Sliding Rails with ball bearing and end stopper		
<b>18 Handle</b>	Anti-Trauma, preferably in built		
<b>19 SHELF</b>			
<b>20 Material</b>	Painted Steel Plate		
<b>21 Thickness</b>	> 0,8 mm		
<b>22 Removable</b>	Yes		
<b>23 DOOR</b>			
<b>24 Material</b>	High Pressure Plastic Laminate, 10 mm		
<b>25 Opening</b>	> 90		
<b>26 Handle</b>	Anti-Trauma, preferably in built		
<b>27 Handle Material</b>	PVC or Epoxy Painted Steel		
<b>28 Hinges</b>	2, Steel, adjustable		
<b>29 FLOOR FOOTING</b>	Rubber Stopper		
<b>35 OVER-BED TABLE</b>			
<b>36 Material</b>	Color Thermoformed ABS		
<b>37 Edges</b>	Raised for liquid containment		



<b>38 Height Adjustment</b>	Yes		
<b>39 Rotation</b>	Yes		
<b>40 Removable</b>	Yes/preferred		
<b>41 Foldable</b>	Yes		
<b>42 Corners</b>	Rounded, with no sharp corners		
<b>43 OVERALL DIMENSIONS</b>			
<b>44 Height (mm)</b>	850 – 1010		
<b>45 Width (mm)</b>	620 – 680		
<b>46 Deep (mm)</b>	450 – 500		
<b>48 ACCESSORIES</b>			
<b>49 Bottle Holder</b>	Yes, in Color thermoformed ABS		

CHAIR, HOSPITAL

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[Manufacturer Name/Model Name/ Version Name]

1 GENERAL DESCRIPTION	Chair for Patients and Visitors, to be used in the Ambulatories and the wards.		
2 CONFIGURATION	Seat, backrest and legs		
3 STRUCTURE			
4 Material	Anodized Alloy		
5 Coating	Exopy powder painting		
6 SEAT AND BACKREST			
7 Material	Plastic Laminate		
8 Contoured	Yes		
9 Ergonomic	Yes		
10 Chemical Resistant	Yes		
11 FLOOR FOOTING			
12 Type	Rubber Stopping		
13 DIMENSION (seat), mm	400 x 400		

**CHAIR, OFFICE**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Sturdy and ergonomic chair with seat, backrest, and arm—rest, upholstered to be used in nursery room.		
<b>2 CONFIGURATION</b>	Seat, Backrest and X-shaped pedestal with swivelling wheels		
<b>3 STRUCTURE</b>			
<b>4 Material</b>	Metal		
<b>5 SEAT</b>			
<b>6 Upholstery</b>	Yes, tissue fire retardant, washable		
<b>7 Contoured</b>	Yes		
<b>8 Ergonomic</b>	Yes		
<b>9 BACKREST</b>			
<b>10 Adjustable</b>	Yes		
<b>11 Swinging</b>	Yes, with blocking system		
<b>12 Upholstery</b>	Yes, Tissue fire retardant, washable		
<b>13 Ergonomic</b>	Yes		
<b>14 ARMREST</b>			
<b>15 Material</b>	Plastic, with inner metal frame		
<b>16 Padded</b>	Yes		
<b>18 Removable</b>	Yes		
<b>17 FLOOR FOOTING</b>			
<b>18 Type</b>	STAR - shaped pedestal		
<b>19 Height Adjustable</b>	Yes, pneumatic piston, hand actuated		
<b>20 Wheels</b>	Yes, 5, double swivelling, antistatic		
<b>21 DIMENSIONS (seat), mm</b>	450 x 450 ca		

CLOCK, WALL MOUNTED

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[Manufacturer Name/Model Name/ Version Name]

1 GENERAL DESCRIPTION	Battery Clock, wall Mounted		
2 MATERIAL	Plastic		
3 POWER	Batteries		
4 CONFIGURATION	White Dial, Black Numbers (Arabic), Lancets		
5 DISINFECTABLE	Yes		
6 MOUNTING	Wall		
7 DIMENSION, cm	300 (diameter)		

**COUCH, LOUNGE, THREE SEATS**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Three-seat couch, with backrest and armrest, padded, with separate cushions. Upholstery removable and washable, floor footing on legs with rubber stopper. To be used in the Male and Female Doctor Rooms for lounging and rest.		
<b>2 FRAME</b>			
<b>3 Material</b>	Stainless Steel		
<b>4 Coating</b>	Epoxy powder		
<b>5 Section</b>	Tubular/steel bands		
<b>6 PLATFORM</b>			
<b>7 Material</b>	Elastic bands on frame		
<b>8 Coating</b>	Synthetic tissue		
<b>9 SEAT</b>			
<b>10 Number</b>	3		
<b>11 Padded</b>	Yes, three single cushions		
<b>12 Material</b>	Polyurethane no deformable, finished with wadding polyester		
<b>13 Countered</b>	Yes		
<b>14 Thickness, cm</b>	20		
<b>15 BACKREST</b>			
<b>16 Number</b>	3		
<b>17 Padded</b>	Yes, three single cushions		
<b>18 Material</b>	Polyurethane no deformable, finished with wadding polyester		
<b>19 Countered</b>	Yes		
<b>20 Thickness, cm</b>	20		
<b>21 Frame</b>	Upholstered		
<b>22 ARM REST</b>			
<b>23 Padded</b>	Yes		
<b>24 Countered</b>	Yes		
<b>25 UPHOLSTERY</b>			
<b>26 Material</b>	Microfiber, Blue color		
<b>27 Removable</b>	Yes		
<b>28 Washable</b>	Yes		

**CUPBOARD/COUNTER, INOX**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Counter to be placed in delivery room to keep materials and tools. The counter has to be made completely made in stainless steel, with feet. The cabinet will be closed thanks to two sliding doors.		
<b>5 MAIN FRAME</b>			
<b>6 Material</b>	Made of stainless steel sheet 0,8 mm (AISI 304)		
<b>7 Rounded Edges</b>	Yes		
<b>8 Coating</b>	None		
<b>9 DOORS</b>			
<b>10 Cabinet</b>	2, Glass doors with frame in Stainless Steel Sheet		
<b>12 Lockers</b>	Yes, cylinder with Keys		
<b>16 Handles</b>	Integrated in the door's frame		
<b>17 Opening</b>	Sliding doors		
<b>18 FLOOR FOOTING</b>			
<b>19 Type</b>	Feet with Rubber Stopper		
<b>20 Adjustable height</b>	Yes		
<b>21 Feet Material</b>	Stainless Steel (AISI 304)		
<b>25 SHELVES</b>			
<b>26 Number</b>	1		
<b>27 Material</b>	Stainless Steel		
<b>28 Adjustable</b>	Preferably		
<b>29 DIMENSION, mm</b>	1200 x 500 x 850 H		

**CRADLE, NEONATAL**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Cot, (baby bassinette), hospital-type		
<b>2 CE MARKED</b>	YES		
<b>3 FRAME MATERIAL</b>	Stainless steel, Epoxy coated		
<b>4 FLOOR FOOTING</b>	Swivel castor, 75 mm		
<b>5 CASTOR LOCKING</b>	Yes, on two castors		
<b>6 BASKET</b>	Yes		
<b>7 Material</b>	Plexiglass		
<b>8 Dimension</b>	700(l) x 350(w) x 350(h) mm		
<b>9 Contoured</b>	Yes, with no sharp corners		
<b>10 MATTRESS</b>			
<b>11 Padding Type</b>	High Density foam		
<b>12 Padding Density, kg/m3</b>	30		
<b>13 Thickness, cm</b>	10		
<b>14 Upholstery</b>	Urine proof, washable, difinfectable		
<b>15 DIMENSIONS (mm)</b>	approx. 1200(h) x 880(l) x 450(w)		

**DESK, WRITING, AMBULATORY**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Desk with drawers, to fit in hospital ward department, according to the general design of the Hospital, robust construction, washable.		
<b>2 DESIGN</b>	Accurate, with no Sharp corners		
<b>3 STRUCTURE</b>	Bearing structure in steel painted with epoxy powder.		
<b>4 TABLE TOP</b>			
<b>5 Material</b>	Bi-laminate		
<b>6 Colour</b>	Sea blue		
<b>7 Fire Retardant</b>	Yes		
<b>6 Rounded corner</b>	Yes		
<b>8 Anti-shock edge</b>	Yes, ABS rubber edge		
<b>9 SKIRTING PANEL</b>	Yes Aluminium		
<b>10 FLOOR FOOTING</b>			
<b>11 Material</b>	Stainless Steel Aluminium coated		
<b>12 Front Legs</b>	With twin castors		
<b>13 Back Legs</b>	Adjustable		
<b>14 DRAWERS</b>			
<b>15 Number</b>	3		
<b>16 Material</b>	Coated Steel		
<b>17 Closing mechanism</b>	Ball bearing rails and end stoppers		
<b>18 Locker</b>	Yes		
<b>19 DIMENSION, mm</b>	1300 x 750 x 700H ca		



FOLDING SCREEN ROOM DIVIDERS

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[Manufacturer Name/Model Name/ Version Name]

1	GENERAL DESCRIPTION	Folding screen room dividers, non magnetic		
2	STRUCTURE			
3	Material	Anodized aluminum frames w/ stainless steel hinges		
4	Section	Rounded, 2 cm		
5	Finishing	High strength powder coated steel frame		
6	Color	White		
7	WHEELS			
8	Dimension (cm)	5		
9	Type	Dual wheel caster		
10	PANEL			
11	Height (cm)	175		
12	Panel width (cm)	70		
13	Material	Epoxy Polyester		
14	Washable	Yes		
15	Flame Retardant	Yes		
16	Bacteriostatic	Yes		
17	Color	Light Blue/White		

IV STAND, INOX

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[Manufacturer Name/Model Name/ Version Name]

1 GENERAL DESCRIPTION	IV Stand for Infusion. Stable and Sturdy		
2 ROD			
3 Material	Stainless Steel AISI 304		
4 Height Adjustable	Yes, 120 – 180 cm		
5 BASE			
6 Material	Stainless Steel AISI 304		
7 Shape	Star Shape (with 5 arms)		
8 Floor Footing	Rubber Stopper		
9 HOOKS			
10 Number	2		
11 Material	Stainless Steel AISI 304		

**SHELVES, MODULAR, INOX**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Modular shelves (rack) for warehouse. Modular, to be configured at the moment of the installation, made of braces, shelves and joints in stainless metal steel epoxy powder coated. Frame designed with kinematic chain with zero degrees of freedom. thanks to diaagonal braces. Washable disinfectable resistant		
<b>2 CONFIGURATION</b>	See drawings		
<b>3 FRAME</b>			
<b>4 Material</b>	Metal		
<b>5 Thickness, mm</b>	2		
<b>6 Coating, micron</b>	Epoxy powder		
<b>7 Vertical Braces</b>	Yes		
<b>8 Diagonal Braces</b>	Yes, between each inter-shelf space, intersecting the horizontal brace at the joints		
<b>9 Horizontal braces</b>	Yes		
<b>10 SHELVES</b>			
<b>11 Number, qt</b>	4 leveLs		
<b>12 Dimension, mm</b>	1000 x 450		
<b>13 Surface</b>	Continuous		
<b>11 Material</b>	Stainless steel sheet,		
<b>15 Coating</b>	Epoxy powder		
<b>16 Closed profiles</b>	Yes		
<b>17 Movable</b>	Yes		
<b>18 Rounded Edges</b>	Yes		
<b>19 Bearing weight, kg</b>	150		
<b>20 JOINTS</b>			
<b>21 Material</b>	Stainless Steel		
<b>22 Type</b>	Interlocking system		
<b>23 FLOOR FOOTING</b>			
<b>24 Type</b>	Rubber Stoppers		

STEPS

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[Manufacturer Name/Model Name/ Version Name]

1 GENERAL DESCRIPTION	Double Step foot Stool		
2 FRAME MATERIAL	18/10 Stainless Steel		
3 STEP PLATFORM	Rubber, antistatic, non slippery		
4 CONFIGURATION	For legs, two Steps		
7 DISINFECTABLE	Yes		
8 FLOOR FOOTING	Rubber Stopper		
9 DIMENSION, cm	30 x 40 x 32		

**TABLE, DELIVERY, MECHANICAL**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Convertible delivery table to be used for delivery of babies that should incorporate ideal blend of the patient's individual requirements on comfort and the professional needs of the delivery team, focusing on the aesthetic and functional design of the entire delivery bed.		
<b>2 UMDNS</b>	18-388		
<b>3 CE MARKED</b>	YES		
<b>9 CONFIGURATION</b>	3 section, Backrest, seat, foot		
<b>10 OVERALL DIMENSIONS</b>	100 cm X 200 cm ca		
<b>11 HEIGHT</b>	Fixed, no less than 70 cm and no more 85 cm		
<b>12 FRAME</b>			
<b>13 Tube section</b>	Rectangular/circular		
<b>14 Material</b>	epoxy coated tubular steel.		
<b>15 High resistance to corrosion</b>	Yes, for tropical environment		
<b>16 Sliders for the knee crutches</b>	Tubular steel, welded to the bed frame with Recession tracks smoothly finished for easy sliding		
<b>17 CARRYING CAPACITY</b>	≥200kg.		
<b>18 MATTRESS MATERIAL</b>	High-density polyurethane foam, density Approx.. 30 kg/m3.		
<b>19 Upholstery</b>	Fire retardant, water proof, antistatic, anti-tear and easy to clean upholstery.		
<b>20 BACK</b>			
<b>21 Adjustable</b>	0 to 70°		
<b>22 Adj. Mechanism</b>	gas spring system		
<b>23 Padded (cm)</b>	Yes, 10 cm		
<b>24 Upholstery</b>	Yes, leatherette, Colour Green/Blue		
<b>25 Removable</b>	Yes, via side zipper.		
<b>26 Fire Retardant</b>	Yes		
<b>27 Chemical Resistant</b>	Yes		
<b>28 SEAT</b>			
<b>29 Mattress cut-out</b>	Yes		
<b>30 Bowl (placenta basin)</b>	Yes, Stainless Steel		
<b>31 Padded (cm)</b>	Yes, 10 cm		
<b>32 Upholstery</b>	Yes, leatherette, Colour Green/Blue		

<b>33 Removable</b>	Yes, via side zipper.		
<b>34 Fire Retardant</b>	Yes		
<b>34 Chemical Resistant</b>	Yes		
<b>35 FOOT</b>			
<b>36 Height adjustment</b>	Yes		
<b>37 Adjustment Mechanism</b>	gas spring system. The foot section shall have the capability of retracting and extending, to allow access to the mother's perineal area		
<b>38 Adjustment Range (cm)</b>	55 to 90		
<b>39 Detachable</b>	Yes		
<b>40 Padded (cm)</b>	Yes, 10 cm		
<b>41 Removable</b>	Yes, via side zipper.		
<b>42 Upholstery</b>	Yes, leatherette, Colour Green/Blue		
<b>43 Fire Retardant</b>	Yes		
<b>44 Chemical Resistant</b>	Yes		
<b>47 FLOOR FOOTING</b>	On casters with brakes		
<b>48 CRUTCHES</b>			
<b>49 Height adjustable</b>	YES		
<b>50 Width adjustable</b>	YES		
<b>51 ACCESSORIES</b>			
<b>52 Side rails collapsible (qt)</b>	2		
<b>53 Bumpers</b>	yes at the four corners		
<b>54 Pair of push grip handles</b>	1		
<b>55 Pair of covered leg support for lithotomy position</b>	1		
<b>56 Pair of foot support</b>	1		
<b>57 Labour/squatting bars</b>	1		
<b>58 Fluid collection bowl</b>	1		
<b>60 Foot supports for nursing staff</b>	1		
<b>61 Infusion rod</b>	1		
<b>63 Head/shoulder support</b>	1		

**TROLLEY, EMERGENCY**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Trolley for emergency procedures		
<b>2 CE MARKED</b>	YES		
<b>3 CONSTRUCTION</b>	Solid, made in stainless steel AISI 304 and technopolymer.		
<b>4 DESIGN</b>	Accurate to the smallest detail.		
<b>5 STRUCTURE</b>	Self-supporting, monocoque body.		
<b>6 TOP</b>			
<b>7 Sliding working surface</b>	Yes		
<b>8 Rim</b>	Yes		
<b>9 Rounded edges</b>	Yes		
<b>10 Height from ground, mm</b>	1000		
<b>11 PUSH HANDLE</b>	Ergonomic, integrated on structure		
<b>12 FRONT SIDE</b>			
<b>13 Drawers, Material</b>	Technopolymer		
<b>14 Drawers, Number</b>	3		
<b>15 Drawers, Dimensions, mm</b>	No. 2 600 x 475 x137 H; no. 1 600x475x274H.		
<b>16 Drawers, Rounded Edges</b>	Yes		
<b>17 Drawers, Sliding System</b>	Ball bearing rails		
<b>18 Drawers, End Stoppers</b>	Yes		
<b>19 Drawers, Locking System</b>	Yes, Central		
<b>20 Defibrillator holder</b>	Yes		
<b>22 Defibrillator holder, Material</b>	Plexiglas and stainless steel arm		
<b>23 Defibrillator Holder, safety straps</b>	Yes		
<b>24 Defibrillator holder, Rotation°</b>	360		
<b>25 Drip stand</b>	Yes, Made of stainless steel, height-adjustable.		
<b>26 CPR massage board</b>	Yes, transparent Plexiglas and placed in front of the trolley.		
<b>27 LEFT SIDE</b>	Sliding working surface; built-in compartments with four small shelves with rim		
<b>28 RIGHT SIDE</b>	Built-in compartment with no. 1 waste bin; no. 1 catheter or probe holder, no. 1 small shelf with rim.		
<b>29 BACK SIDE</b>	Built-in compartment with oxygen cylinder holder and safety strap to hold it; no. 1 accessories rail with hooks.		
<b>30 WHEELS</b>			

<b>31 Diameter, mm</b>	125		
<b>32 Number</b>	4		
<b>33 Pivoting</b>	Yes		
<b>34 Anti Threads</b>	Yes		
<b>35 Antistatic</b>	Yes		
<b>36 Brakes</b>	Yes, onto two wheels		
<b>37 BUMPER</b>	Yes, all around, integrated in the base of the trolley		
<b>38 DIMENSION, mm</b>	820x640x1000/1600H		



**TROLLEY, INOX, OPERATING ROOM**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Mobile dressing trolley for setting up or arranging sterile instruments for clinical procedures. It must have two shelves(upper and lower), two drawers, waste bin and a bowl holder with a bowl		
<b>2 OVERALL DIMENSION, cm</b>	90 x 50 x 90h		
<b>3 FRAME</b>			
<b>4 Material</b>	Bended Stainless steel, AISI 304 or better		
<b>5 Thickness, mm</b>	1,5		
<b>6 Carrying weight</b>	50 kg		
<b>7 SHELF</b>			
<b>8 Material</b>	Stainless steel, AISI 18-10		
<b>9 Thickness, mm</b>	0,8		
<b>10 Dimension, cm</b>	(90 x 50 x 90		
<b>11 Removable</b>	Yes		
<b>12 Raised Edges</b>	Yes		
<b>13 Side Guards</b>	Yes		
<b>14 BUMPERS</b>	Yes, at the four corners		
<b>16 CASTORS</b>	Yes		
<b>17 Diameter</b>	12.5 cm		
<b>18 Locks</b>	Yes, on two castors to hold up to 10° inclination		
<b>19 Conductive</b>	Yes		
<b>20 Swivelling</b>	Yes		
<b>21 Castor Joint material</b>	Stainless steel		
<b>22 PUSH BAR</b>	Yes, Inox Steel		

**TROLLEY, MEDICATION**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Trolley for delivery medication to patients in the ward. Spaces organized in different compartments, with shelves and drawers, light for easy of movement.		
<b>2 CE MARKED</b>	Yes		
<b>3 CONSTRUCTION</b>	HPPL and epoxy powder-coated steel sheet		
<b>4 DESIGN</b>	Accurate, without sharp edges		
<b>5 STRUCTURE</b>	Self-supporting, mono-coque body.		
<b>6 TOP</b>			
<b>7 Material</b>	High Pressure Plastic Laminate		
<b>8 Rim</b>	Yes		
<b>9 Height from the ground, mm</b>	1000		
<b>10 PUSH HANDLE</b>	Ergonomic, integrated on structure		
<b>11 DRAWERS</b>			
<b>12 Closing</b>	Telescopic with end stopper sliding on ball bearing rails		
<b>13 Inner Compartments</b>	Yes		
<b>14 DISPENSER</b>			
<b>15 Dispenser</b>	10 pockets, swinging		
<b>16 Frame</b>	Tube holding frame in stainless steel with and shelves.		
<b>17 STANDARD DRAWERS</b>	No. 3 drawers dimensions mm 600x475x137H and No. 1 drawer dimensions		
<b>18 LOCKING SYSTEM</b>	Key central locking system;		
<b>19 LEFT SIDE</b>	Sliding working surface; built-in compartment complete with four shelves with rim		
<b>20 RIGHT SIDE</b>	Built-in compartment; no. 1 waste bin; no.1 catheter holder; no. 1 shelf with rim		
<b>21 FLOOR FOOTING</b>	N. 4 ball bearings, pivoting, anti-threads wheels diam. mm125, two with brake.		
<b>22 ACCESSORIES</b>			
<b>23 Plastic litter box</b>	Yes		
<b>24 Refuse collector w plastic bag</b>	Yes		
<b>25 Accessory rail</b>	Yes		
<b>26 BUMPER</b>	All around bumper integrated in the base of the trolley.		
<b>27 DIMENSION</b>	820x640x1600H ca		

**PC WORK STATION**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Personal computer with licensed operating system and last Updates with Arabic support.		
<b>2 OPERATING SYSTEM</b>	Windows 10 Pro 64		
<b>3 LICENCED PROGRAMS</b>	MS Office SUITE		
<b>4 CPU PROCESSOR</b>	Intel® Core™ i7-9700		
<b>5 RAM</b>	16 GB di SDRAM		
<b>6 MEMORY</b>	SSD 1 T		
<b>7 GRAPHIC CARD</b>	Graphic card with 128MB DDR-RAM, PCI-X.		
<b>8 CONNECTIVITY</b>	WiFi, Bluetooth connectivity.		
<b>9 PHERIPHERALS</b>	CD RW / DVD		
<b>10 PORTS</b>	USB ports, HDMI, VGA, RS232, DISPLAYPORT		
<b>11 MOUSE</b>	Optical wheel mouse.		
<b>12 KEYBOARD</b>	Keyboard, English Arabic		
<b>13 DISPLAY</b>	Monitor 23,8" LCD TFT Monitor.		
<b>14 DISPLAY RESOLUTION</b>	Maximum resolution 1920 x 1080		
<b>15 STAND</b>	Adjustable height		
<b>16 AFTER SALE, intervention/Year</b>	0		
<b>17 TRAINING, days</b>	0		

**PRINTER, MULTIPURPOSE, LASER**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Colour Laser All-In-One		
<b>2 AVAILABLE FUNCIONS</b>	Print, Copy, Scan and Fax		
<b>3 PRINTER</b>			
<b>4 Printing Speed</b>	Single sided: Up to 18 ppm (A4)		
<b>5 Printing method</b>	Colour laser beam printing		
<b>6 Print Resolution</b>	600 x 600 dpi		
<b>7 Printer Languages</b>	MF641Cw: UFR II MF643Cdw: UFR II, PCL 5c*, PCL6 MF645Cx: UFR II, PCL 5c*, PCL6, Adobe® PostScript		
<b>8 COPIER</b>			
<b>9 Copy Speed</b>	MF641Cw: Single sided (A4): Up to 18 ppm		
<b>10 Copy resolution</b>	Up to 600 x 600 dpi		
<b>11 Copy modes</b>	Text/Photo/Map (Default),Text/Photo/Map (quality)		
<b>12 Double sided copying</b>	1-sided to 2-sided (Automatic)		
<b>13 Multiple Copy</b>	Up to 999 copies		
<b>14 Reduction/Enlargement</b>	yes		
<b>15 SCANNER</b>			
<b>16 Type</b>	Colour		
<b>17 Scan Resolution</b>	Optical: Up to 600 x 600 dpi		
<b>18 Colour scanning depth</b>	24 bit/24 bit (input/output)		
<b>19 Greyscales</b>	256 levels		
<b>20 Scan to E-mail</b>	Yes		
<b>21 Scan to PC</b>	Yes		
<b>22 Scan to USB memory key</b>	Yes		
<b>23 Scan to Cloud</b>	Yes		
<b>24 MEDIA HANDLING</b>			
<b>25 Scanner Type</b>	Platen, 2-sided ADF (single pass)		
<b>26 Paper output</b>	100-sheet		
<b>27 Media types</b>	Plain paper, Recycled paper, Heavy Paper, Thin paper, Colour paper, Coated paper, Label, Post card, Envelope		
<b>28 Media sizes</b>	A4, A5, B5, Legal, Letter, Statement, Custom sizes: Min. 128 x 139.7 mm Max 215.9 x 355.6 mm		

29 AFTER SALE, intervention/Year	0		
30 TRAINING, days	0		

**UPS, 2000VA, MEDICAL GRADE**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	UPS, sinusal, On line double conversion		
<b>2 CE MARKED</b>	Yes		
<b>3 NOMINAL POWER (VA)</b>	2000		
<b>4 ACTIVE POWER (W)</b>	1200		
<b>5 TECHNOLOGY</b>	On-line, doble conversione		
<b>6 WAVEFORM</b>	Sinusal		
<b>7 INPUT VOLTAGE</b>	230 V $\pm$ 12% via mains $\pm$ 5% via battery		
<b>8 INPUT FREQUENCY</b>	50-60 Hz +/-3Hz		
<b>9 INPUT VOLTAGE RANGE</b>	160 V-290 V		
<b>10 OUTPUT CHARACTERISTICS</b>			
<b>11 OUTPUT VOLTAGE</b>	230 V $\pm$ 10%		
<b>12 OUTPUT FREQUENCY</b>	50/60 Hz +/-0.2%		
<b>13 BATTERIES</b>			
<b>14 NUMBER OF BATTERIES</b>	2		
<b>15 BATTERY RANGE</b>	12 V, 9 Ah		
<b>16 SCREEN AND SIGNALLING</b>	Three buttons and three LEDs for real-time control of the status of the UPS		
<b>17 REMOTE CONTROL</b>	Available		
<b>18 AMBIENT CONDITIONS</b>	0 to 40°C , 0 to 95% non-condensing		
<b>19 STANDARDS</b>	EN 62040-1, EN 62040-2, EN 62040-3		
<b>20 AFTER SALE, intervention/Year</b>	0		
<b>21 TRAINING, days</b>	0		

WATER COOLER

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[Manufacturer Name/Model Name/ Version Name]

1 GENERAL DESCRIPTION	Water dispenser, water cooler to cool and dispenses water with a refrigeration unit.		
2 CONFIGURATION	Floorstanding		
3 CASE	Hard Plastic		
4 TEMPERATURE	5-8 °C		
5 WATER SOURCE	Plastic Bottle 25 L		
6 POWER	220 V 50/60 Hz		

AMBU BAGS, ADULT

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[Manufacturer Name/Model Name/ Version Name]

GENERAL DESCRIPTION	Self inflating bag with mask for resuscitation and assistend ventilation		
CE MARKED	YES		
BAG			
Hand operated	Yes		
Self-inflating	Yes		
Black rubber	Yes		
INLET VALVE	Patient Non-Return valve connector for oxygen or anaesthetic gases		
MASK	transparent plastic Dome, latex cuffmoulded shell, sterilisable		
SIZES	Adult		
CARRYNG CASE	YES		



AMBU BAGS, PEDIATRIC

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[Manufacturer Name/Model Name/ Version Name]

GENERAL DESCRIPTION	Self inflating bag with mask for resuscitation and assistend ventilation of newborn		
CE MARKED	YES		
BAG			
Hand operated	Yes		
Self-inflating	Yes		
Black rubber	Yes		
INLET VALVE	Patient Non-Return valve connector for oxygen or anaesthetic gases		
MASK	transparent plastic Dome, latex cuffmoulded shell, sterilisable		
SIZES	2 Newborn and 2 Pediatric		
CARRYNG CASE	YES		

**LARYNGOSCOPE**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	To expose and view larynx and its surrounding structures, necessary for successful intubation through epiglottis or other procedures. For Adult and newborn		
<b>2 CE MARKED</b>	YES		
<b>3 USE:</b>	Anaesthesia/resuscitation.		
<b>4 HANDLE:</b>	Stainless steel or chromium plated, slightly rigged, Handle type C, diameter 28 mm, for battery LR14		
<b>5 LIGHT:</b>	battery in the handle + Xenon lamp		
<b>6 SPATULA/BLADE:</b>	MacIntosh type (slightly curved blade with a small bulbous end tip fixed to handle with a hook on system)		
<b>7 BULB</b>	Each blade has a single bulb removable for cleaning		
<b>8 BLADES</b>			
<b>9 Curved Mac Intosh laryngoscope blades</b>	Quantity 1		
<b>10 Size 0: length/blade: 55 mm, newborn</b>	Quantity 1		
<b>11 Size 1: length/blade: 70 mm, baby</b>	Quantity 1		
<b>12 Size 2: length/blade: 90 mm, child</b>	Quantity 1		
<b>13 Size 3: length/blade: 110 mm, adult small</b>	Quantity 1		
<b>14 Size 4: length/blade: 130 mm, adult large</b>	Quantity 1		
<b>15 CASE</b>	Yes, Hard Plastic protective case		
<b>16 ACCESSORIES</b>			
<b>17 Batteries</b>	Dry cell, alkaline, LR14, QT 2		
<b>18 Spare bulb</b>	1 spare bulb if fiber optics, QT 2		

**OXYGEN FLOWMETER**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Flowmeters with humidifiers for delivery of oxygen from oxygen cylinders, wall outlet and Oxygen concentrator		
<b>2 CE MARKED</b>	Yes		
<b>2 CONFIGURATION</b>	Each oxygen flowmeter should be provided with the pressure gauge, pressure reducing valve, humidifier and the connecting probe which should be compatible with the oxygen cylinder outlets (tenderers are requested to confirm the configuration before ordering).		
<b>3 FLOW RANGE</b>	Control within a range of 0 – 15 LPM		
<b>5 MATERIAL</b>	The flow meter body should be made of chrome plated brass materials.		
<b>6 FLOW REGULATION KNOB</b>	Impact-resistant polycarbonate, Metal continuous regulation		
<b>7 EXPANDED RANGE</b>	Flow Tube should have large and expanded 0 – 15 LPM range for improved readability at low flows.		
<b>8 INLET FILTER</b>	Inlet filter of stainless steel wire mesh to prevent entry of foreign particles.		
<b>9 CONNECTION</b>	The connecting probe should be ISO		
<b>10 HUMIDIFIER BOTTLE</b>	Must be supplied with reusable humidifier bottle made of unbreakable and reusable polycarbonate material, and autoclavable at 134°C		

FOETAL STETHOSCOPE (PINARD)

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[Manufacturer Name/Model Name/ Version Name]

1 GENERAL DESCRIPTION	Classical Pinard Foetal Stethoscope for auscultating foetal heart beat.		
2 CE MARKED	YES		
3 DESIGN	It must be designed in a way to produce an excellent sound transmission.		
4 FINISHING	The stethoscope should have no sharp edges.		
5 MATERIAL	The unit should be well constructed with durable materials such as plastic to withstand typical abuse and cleaning.		
6 CONDITION OF USE	Should be designed for conditions of heavy use.		

**THERMOMETERS, INFRARED, DIGITAL**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Non-mercury digital clinical thermometer for measuring temperature and displaying it on LCD display		
<b>2 CE MARKED</b>	Yes		
<b>3 TEMPERATURE RANGE</b>	From 35C to 42C		
<b>4 ACCURACY</b>	± 0.10C		
<b>5 BEEP SOUND</b>	Yes , when reach temperature		
<b>6 CALIBRATION &amp; INSPECTION</b>	The thermometer should be delivered together with the certificate of calibration and inspection		
<b>7 ACCESSORIES</b>			
<b>8 Plastic Cover</b>	100 disposable cover		
<b>9 Storing Case</b>	Yes		

SPHYGMOMANOMETER DIGITAL

[Back to Index](#)

[Manufacturer Name/Model Name/ Version Name]

1 GENERAL DESCRIPTION	An equipment designed for determining the blood pressure of patients automatically.		
2 CE MARKED	YES		
3 FDA CLEARENCE	YES		
4 MEASUREMENT ACCUTRACY	pressure: ±3mmHg/ ±0.4kPa, Pulse: ±5%		
5 DISPLAY	easily legible Liquid Crystal Display (LCD)		
6 MEMORY STORAGE CAPACITY	of at least 30 previous readings		
7 OPERATING TEMPERATURE	+ 10°c to + 40°c		
8 POWER SOURCE	AA sizes Alkaline battery operated capable of supporting at least 300 measurements		

**STETHOSCOPE BINAURAL (Dual Head)**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>GENERAL DESCRIPTION</b>	Dual head mechanical stethoscope for clinicians to extend their normal range of hearing for accurate observation of cardiac, pulmonary, obstetric, and other physiologic sounds on paediatric and adult patients.		
<b>2 CE MARKED (MDD)</b>	Yes		
<b>3 ACOUSTIC PERFORMANCE</b>	It should provide superior acoustic performance in the most important range sensitivity of 200 to 500Hz, up to 3.2 db cardiology and 600 to 1500H, or 8.1db pneumology.		
<b>4 Y TUBE MATERIAL</b>	The tubing shall be a dual channel PVC (equivalent heat resistant material) separate sound transmission to each ear		
<b>5 THERMAL RESISTANCE</b>	The tubing shall be capable of withstanding high temperature above 45 <sup>0</sup> C.		
<b>6 NO-CHILL RIM</b>	Both diaphragm and bell must have non-chill rim		
<b>7 SPRING MATERIAL</b>	The binaurals/spring assembly shall be made of stainless steel with comfortable sealing ear-tips which can be depressed to conform to the shape of the ear canal		
<b>8 BINAURAL SPRING</b>	Shall be provided with a triple-leaf binaural spring which shall be enclosed in polyurethane to permit adjustment to fit different users while preventing breakage		
<b>9 TUBE LUMEN DIAMETER</b>	The tube lumen diameter, shall be 10 mm approximately.		
<b>10 TOTAL LENGHT</b>	Approx. 70 cm.		
<b>11 ADULT DIAPHRAM</b>	Approx. 43 mm.		
<b>12 CONSTRUCTION QUALITY</b>	The stethoscope should be well constructed with durable materials to withstand heavy commercial use and cleaning.		
<b>13 ACCESSORIES</b>			
<b>14 Spare diaphragms</b>	1		
<b>15 Earpiece</b>	1		

**WEIGHING SCALE WITH HEIGHT MEASURE AND BMI SCALE, ADULT**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Mechanical dial type (clock type) of scale for weighing patients and determines their height to assess their body mass index to assess their nutritional status.		
<b>2 CE MARKED</b>	Yes		
<b>3 BMI INDEX</b>	Must incorporate the display for Body-Mass-Index and height meter		
<b>4 WEIGHTING RANGE</b>	0.0kg to 160kg.		
<b>5 READABILITY</b>	0.5kg.		
<b>6 CALIBRATION</b>	Metric calibrations via Knob.		
<b>7 DISPLAY</b>	“Big Ben” type of analogue display		
<b>8 DISPLAY COLOR</b>	White background with black engraved numbers and red gauge		
<b>9 GAUGE</b>	No needle stopper to hold the dial at 0 when no weight is applied.		
<b>10 PLATFORM</b>	Slip resistant cover		
<b>11 PLATFORM DIMENSION</b>	Approximately 360 x 350mm		
<b>12 HEIGHT ROD</b>	Telescopic with eye level readout		
<b>13 HEIGHT MEASUREMENT</b>	Maximum height of approximately 200cm with 1mm graduation		



**WEIGHING SCALE, INFANT**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Electronic scale for weighing babies.		
<b>2 CE MARKED</b>	YES		
<b>3 TYPE</b>	Plate		
<b>4 WEIGHTENING RANGE</b>	0 - 10kg		
<b>5 MINIMUM GRADUATION</b>	5g.		
<b>6 ACCURACY</b>	±5g.		
<b>7 UNIT OF MEASURE</b>	kg		
<b>8 FUNCTIONS</b>	automatic switch-off, TARE, HOLD, auto-calibration with each switch-on.		
<b>9 DISPLAY</b>	Large LCD		
<b>10 READING TIME</b>	max 5 seconds		
<b>11 LIQUID PENETRATION</b>	Splash proof and shock resistant light-weight body		
<b>12 FINISHING</b>	Smooth surface/finishing for easy cleaning/disinfection.		
<b>13 MATERIAL</b>	All vital parts made of rust proof, child-friendly materials; display cover made of durable, transparent plastic.		
<b>14 COLOR</b>	white or similar: off-white, cream, light grey etc.		
<b>15 POWER REQUIREMENTS</b>	220 V/50Hz		

**VACUUM EXTRACTOR (MANUAL)**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Manual foot or hand operated vacuum extractor for application during assisted delivery. It should be capable of performing suction techniques to aid in difficult baby delivery such as held up delivery, weak contractions, abnormal foetal position, and intrauterine asphyxia.		
<b>2 CE MARKED</b>	YES		
<b>3 TYPE</b>	Foot or Hand Operated		
<b>4 SUCTION CUP</b>	The suction cup must be configured in a way to prevent the baby's head from becoming swollen and alleviate the chance of suction injury		
<b>5 VACUUM RANGE, mm Hg</b>	More than 300mmHg but less than 900mmHg at 200ml/stroke		
<b>6 REGULATING VALVE</b>	Yes, for a wide range of vacuum suction capacity		
<b>7 VACUUM-LEVEL CONTROL</b>	Knob with a graduated dial, with green area for safe suction and color indication of danger zone		
<b>8 VACUUM GAUGE</b>	Optional		
<b>9 Diameter, cm</b>	4		
<b>10 Scale, mm Hg</b>	According to the Suction Range		
<b>11 INTERIOR CUPS</b>	40,50 & 60mm		
<b>12 VACUUM PRODUCTION</b>	Foot Operated or Traction Handle		
<b>13 TUBING AND ACCESSORIES</b>	Included		
<b>14 COLLECTION CANISTER</b>			
<b>15 Type</b>	Polycarbonate		
<b>16 Capacity measured, cc</b>	500		
<b>17 Graduations</b>	Yes		
<b>18 Connector labels</b>	Yes		
<b>19 Filter</b>	Bacterial, hydrophobic		
<b>20 Autoclavable</b>	YES		
<b>21 ACCESSORIES</b>			
<b>22 Suction tube</b>	2, with minimum length of 2m		
<b>23 Plastic cup with handle,</b>	2, three different sizes		
<b>24 Metal cups with traction handle</b>	2 each, , three different sizes		
<b>25 Additional bacterial filters</b>	1 pack of 100 filters		
<b>26 Set of suction bottles</b>	1		

**ASPIRATORS, SURGICAL**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Electrically operated suction machines designed for the removal of secretions, blood, or vomitus from patient's oropharyngeal cavity to prevent obstruction of the airway in emergency situation or normal hospital care. The suction machine shall be used for surgery, wards, and emergency.		
<b>2 UMDNS</b>	10-217		
<b>3 CE MARK</b>	Yes		
<b>5 CONFIGURATION</b>	A vacuum pump, tubing, regulators, gauges, two collection canisters and mounted on four anti-static castors and also provided with a handle		
<b>6 VACUUM RANGE, mmHg</b>	From 0.0 mmHg to not less than 675.0 mmHg		
<b>7 ASPIRATION FLOW, l/min</b>	Not less than 30 L/min at maximum pressure.		
<b>8 VACUUM REGULATION</b>	Turning knob with a graduated dial		
<b>9 VACCUM DISPLAY</b>	Manometer in kPa, mmHg		
<b>10 ON/OFF SWITCH</b>	Yes on the front Panel		
<b>11 HANDSWITCH</b>	Yes		
<b>12 FOOTSWITCH</b>	Yes		
<b>13 COLLECTION SYSTEM</b>			
<b>14 Canister</b>	Graduated transparent Pyrex or impact resistant bottles		
<b>15 Number</b>	2		
<b>16 Total Capacity, L</b>	Not less than 4litres with a self-sealed suction lid.		
<b>17 Overflow protection</b>	Yes		
<b>18 Autoclavable</b>	Yes, in steam autoclave.		
<b>19 Antibacterial Filters</b>	Yes		
<b>20 FLOOR FOOTING</b>			
<b>21 Type</b>	4 castors		
<b>22 Castor Diameter</b>	12,5 cm (5 in)		
<b>23 Antistatic</b>	Yes		
<b>24 Swivelling</b>	Yes		
<b>25 HANDLE ON THE CASE</b>	Yes		
<b>26 ACCESSORIES</b>			
<b>27 Suction tubing</b>	3 meter , anti-static, 0.7 mm, sterilizable		
<b>28 Cannula/suction tube stainless steel, Yankauer type</b>	2		

<b>29 Cannula/suction catheters, silicon</b>	2 packets		
<b>30 Bacteria, hydrophobic filters</b>	1 pack of 100 filters		
<b>31 Spare Jars</b>	1 set		
<b>32 AFTER SALE, intervention/Year</b>	Please Specify		
<b>33 TRAINING, days</b>	0.25		

**ASPIRATORS, EMERGENCY**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Portable emergency aspirators for removing obstructing secretions, blood, or vomitus from a patient's airway and keep air passages to the lungs open and to allow spontaneous or mechanical ventilation. Suctioning can be either oropharyngeal (to prepare for emergency intubation or to remove secretions from the upper airway above the glottis) or tracheal (to remove secretions and to maintain the airway of an intubated patient)		
<b>2 UMDNS</b>	15-016		
<b>3 CE MARK</b>	Yes		
<b>4 OROPHARYNGEAL USE</b>			
<b>5 Prehospital (EMS)</b>	Yes		
<b>6 Intrahospital (crash carts)</b>	Yes		
<b>7 TRACHEAL USE</b>			
<b>8 Prehospital (EMS)</b>	Yes		
<b>9 Intrahospital (crash carts)</b>	Yes		
<b>10 PUMP TYPE</b>	Diaphragm		
<b>11 COLLECTION CANISTER</b>			
<b>12 Type</b>	Polycarbonate		
<b>13 Capacity measured, cc</b>	1000		
<b>14 Graduations</b>	Yes		
<b>15 Connector labels</b>	Yes		
<b>16 FILTER TYPE</b>	Bacterial, hydrophobic		
<b>17 TUBING</b>			
<b>18 Internal diameter, mm</b>	8		
<b>19 Length, m (ft)</b>	1.8		
<b>20 VACUUM</b>			
<b>21 Range, mm Hg</b>	0 to 560		
<b>22 Flow rate at max vacuum, L/min</b>	16		
<b>23 VACUUM-LEVEL CONTROL</b>	Regulator		
<b>24 VACUUM GAUGE</b>	Yes		
<b>25 Diameter, cm</b>	4		
<b>26 Scale, mm Hg</b>	0 to 650		
<b>27 BATTERY</b>			
<b>28 Type</b>	Ni-Cd or equivalent		
<b>29 Life, min</b>	50		
<b>30 Recharge time, hr</b>	2		
<b>31 Low-battery signal</b>	Yes		
<b>32 CHARGER</b>	Integrated		
<b>33 Line power, VAC</b>	110/240, 50/60 Hz		
<b>34 Indicator, battery charging</b>	Yes		
<b>36 Indicator, battery fully charged</b>	Yes		
<b>38 ACCESSORIES</b>	Tubing, canister, suction tip, bottles, recharger, filter		

<b>39 OTHER SPECIFICATIONS</b>	Handle for transport; autoclavable collection canister includes safety valve.		
<b>40 SERVICE AND MAINTENANCE</b>			
<b>41 AFTER SALE, intervention/Year</b>	Please Specify		
<b>42 TRAINING, days</b>	0.25		

# DEFIBRILLATOR, AUTOMATED

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[Manufacturer Name/Model Name/ Version Name]

<b>1 GENERAL DESCRIPTION</b>	Low energy, automated, biphasic defibrillator with display and recorder intended to restore normal sinus rhythm and contractile function in patients who are experiencing ventricular fibrillation (VF) or ventricular tachycardia (VT) that is not accompanied by a palpable pulse. Complete with algorithm to analyze the ECG rhythm to determine whether defibrillation is necessary.		
<b>2 CE MARKED</b>	Yes		
<b>3 UMDNS</b>	18-500		
<b>4 Type</b>	Only Automatic (AED)		
<b>5 Manual Override</b>	Yes		
<b>7 Voice Prompting</b>	Yes		
<b>8 Energy Sequence, J</b>	150		
<b>9 Protocol Configured</b>	Yes		
<b>10 Output waveshape</b>	Biphasic		
<b>11 Discharge Activation</b>	From device		
<b>12 Compensate for body impedance</b>	In the range of 25 to 150 ohms		
<b>13 Synchronized cardio version</b>	Yes		
<b>14 Shock to Shock, sec</b>	< 15		
<b>15 MONITOR</b>			
<b>16 Ecg Acquisition</b>	Pads		
<b>17 Monitor with ECG</b>	Yes, LCD		
<b>18 Heart Rate Display</b>	Yes		
<b>19 ELECTRODES</b>			
<b>20 Conductive Area, cm2</b>	> 50		
<b>21 Shelf Life, Years</b>	2 years		
<b>22 SELF TEST</b>			
<b>23 Frequency</b>	dail (Led colour), weekly, montly		
<b>24 Energy Level, J</b>	Partial (weekly), full (monthly)		
<b>25 ALARMS</b>			
<b>26 Acoustic signal over QRS</b>	Yes		
<b>27 Acoustic signal during charging</b>	Yes		
<b>28 Battery Low</b>	Yes		
<b>29 Paddles contact indicator.</b>	Yes		
<b>30 Alarms for high and low heart rate</b>	Yes		
<b>34 DATA STORAGE</b>			
<b>35 Solid State Memory</b>	External SD		
<b>36 Information Stored</b>	ECG, Shock		
<b>37 Capacity, min</b>	> 15		

<b>38 BATTERY TYPE</b>			
<b>39 Integral/removable</b>	Removable		
<b>40 Charging method</b>	Non rechargeble		
<b>41 Operating Time</b>	up to 250 shocks		
<b>42 ACCESSORIES</b>			
<b>43 Adult pads</b>	1 box of 10 sets single Use		
<b>44 Pediatric pads</b>	1 box of 10 sets single Use		
<b>45 AFTER SALE, intervention/Year</b>	Please Specify		
<b>46 TRAINING, days</b>	0.25		



# ELECTROCARDIOGRAPH, MULTICHANNEL, INTERPRETATIVE

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[Manufacturer Name/Model Name/ Version Name]

<b>1 GENERAL DESCRIPTIONS</b>	Multichannel Electrocardiographic unit interpretative. For use in the ward		
<b>2 UMDNS</b>	16-231		
<b>3 CE MARKED</b>	Yes		
<b>4 GENERAL</b>			
<b>5 Leads</b>	12 (I, II, III, AVR, AVL, AVF, V1, V2, V3, V4, V5, V6)		
<b>6 Sweep Speed</b>	5, 25, 50 mm/s		
<b>7 Sensitivity</b>	5, 10, 20 mm/mV		
<b>8 CMRR</b>	> 100 dB		
<b>9 Lead input impedance</b>	> 2,5 MW @ 10 Hz		
<b>10 Frequency working band</b>	0.05 ÷ 150 Hz (-3 dB)		
<b>11 Leads selection</b>	Manual and automatic		
<b>12 Leads connection maps</b>	Yes with lead failure/disconnected		
<b>13 Filters</b>	50 e 60 Hz for from AC; 25 e 35 Hz for EMG; 0.05, 0.15 e 0.30 Hz baseline		
<b>14 DISPLAY</b>	Touchscreen		
<b>15 PRINTER</b>			
<b>16 Type</b>	in built Thermal printer		
<b>17 Printer speed</b>	5, 10, 25, 50 mm/s		
<b>18 Paper format</b>	Roll paper 110 mm		
<b>19 Memory</b>	up to a 100 patient data in digital format		
<b>20 Communication</b>	USB port, LAN, wifi		
<b>21 POWER SUPPLY</b>	230v ~ 50 Hz		
<b>22 MANDATORY ACCESSORIES</b>			
<b>23 Patient cables for disposable electrodes,</b>	3		
<b>24 Disposable electrodes packs</b>	5 packs (100 pz each) with conductive gel		
<b>25 Thermal paper for printer</b>	3 packs 10 rolls each		
<b>41 AFTER SALE, intervention/Year</b>	Please Specify		
<b>42 TRAINING, days</b>	0.25		

**REFRIGERATOR, DRUGS,140 L**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 PURPOSE</b>	Refrigerator to store the drugs. Equipped with temperature control, made of robust construction, fully insulated, glass door, powerful motor to operate in high temperature environment (40 ° C). digital displays and audible alarms.		
<b>2 UMDNS</b>	17-157		
<b>3 CE MARK (MDD)</b>	Yes		
<b>4 CONSTRUCTION MATERIAL</b>	Steel, aluminium, Plastic, Glass		
<b>5 INSULATION THICKNESS</b>	40 mm		
<b>6 CAPACITY</b>	3 cu ft (140 l ca)		
<b>7 SHELVES</b>	3		
<b>8 DOORS</b>			
<b>9 Number</b>	1		
<b>10 Type</b>	Glass , fully insulated		
<b>11 REFRIGERATION LIQUID</b>	Environmental compatible		
<b>12 DEFROSTING</b>	Automatic		
<b>13 TEMPERATURE</b>			
<b>14 Range</b>	0 -15		
<b>15 Control Adjustment</b>	ECT-F Control		
<b>16 INTERNAL LIGHTING</b>	Yes		
<b>17 ALARMS</b>	Hi/low Temp, door open		
<b>18 CONTROL</b>	On/off switch, temperature control		
<b>19 DISPLAY</b>	LCD digital		
<b>20 STANDARD</b>	Iso 13485		
<b>21 OTHERS</b>			
<b>22 Automatic condensate water evaporation</b>	Yes		
<b>23 Internal cabinet with shelves</b>	Yes		
<b>24 Drawers interchangeable</b>	Yes		
<b>25 Safety key locking</b>	Yes		
<b>26 LCD Thermometer</b>	Yes		
<b>27 AFTER SALE, Interv/Year</b>	Please Specify		
<b>28 TRAINING</b>	0.25		

**DOPPLER, FETAL HEART DETECTOR**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Tabletop foetal heart detector which operates on both AC and DC power from a rechargeable battery. The foetal heart detector shall have volume adjustment and shall allow shared listening.		
<b>2 UMDNS</b>	11- 696		
<b>3 CE MARK</b>	YES		
<b>5 TYPE/CONFIGURATION</b>	Hand-held		
<b>6 CASE MATERIAL</b>	ABS polycarbonate		
<b>7 APPLICATIONS</b>	Detect foetal life, foetal heartbeat; display FHR		
<b>8 NOISE SUPPRESSION SYSTEM</b>	YES		
<b>9 FHR RANGE, bpm</b>	60-210		
<b>10 PROBE</b>			
<b>11 Frequency, MHz</b>	2-3		
<b>12 Output, mW/cm2</b>	< 10		
<b>13 Diameter, mm</b>	20 – 35		
<b>14 OUTPUTS</b>			
<b>15 Speaker</b>	Yes, with volume adjustment		
<b>16 Headphones</b>	Yes		
<b>17 Chart recorder</b>	Optional		
<b>18 Display</b>	LCD / LED		
<b>19 Display variables</b>	Fetal pulse, FHR		
<b>20 Extra output jacks</b>	Please Specify if any		
<b>21 CONTROLS</b>	Power On/Off, Volume		
<b>22 POWER REQUIREMENTS</b>			
<b>23 Line, VAC</b>	230v ~ 50 Hz for charging		
<b>24 Battery, type</b>	Rechargeable		
<b>25 Operating time, hr</b>	5 Hours ca		
<b>26 Charger included</b>	Yes		
<b>27 Low-battery indicator</b>	Yes		
<b>28 STANDARD ACCESSORIES</b>			
<b>29 Soft carry bag</b>	YES		

<b>30 Probe</b>	3 for each Item		
<b>31 Headset</b>	YES		
<b>32 Gel</b>	10 Tubes per Item		
<b>33 AFTER SALE, Interv/Year</b>	Please Specify		
<b>34 TRAINING</b>	0.25		

**LIGHTS, EXAMINATION**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	This lamp will be used to create illuminated field for examination of patients, delivery Preparatory room, Intensive care, Outpatient, Dermatology, Gynaecological examination. Recovery Room		
<b>2 UMDNS</b>	12-276		
<b>3 CE MARKED</b>	YES		
<b>4 CONFIGURATION</b>	Goose neck stand on a base with at least four castors, floorstanding		
<b>5 LIGHT SOURCE TYPE</b>	LED		
<b>6 LIGHT INTENSITY AT 1 M DISTANCE</b>	(Ec) 30 Klx		
<b>7 OUTER REFLECTOR DIAMETER</b>	> 10cm		
<b>8 COLOR TEMPERATURE</b>	4500/5500 °K		
<b>9 COLOR RENDERING INDEX (CRI)</b>	96 Ra		
<b>10 LIGHT FIELD DIAMETER</b>	> 20 cm		
<b>11 DEPTH OF ILLUMINATION AT 60%</b>	70 cm ca		
<b>12 CONTROL OF THE ILLUMINANCE</b>	25-100%		
<b>13 AVERAGE LED LIFE</b>	> 50,000 HOURS		
<b>15 MATERIAL</b>	Painted Aluminium or Stainelss steel		
<b>16 AFTER SALE, Interv/Year</b>	Please Specify		
<b>17 TRAINING</b>	0.25		

**MONITOR, BEDSIDE, FETAL**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Antepartum and intrapartum electronic fetal monitors that detect, display, and print a record of fetal heart rate (FHR). Electrocardiography monitoring capabilities and external and internal uterine activity (UA) monitoring.		
<b>2 UMDNS</b>	18-340		
<b>3 CE MARK</b>	Yes		
<b>4 ANTEPARTUM/INTRAPARTUM</b>	Antepartum and Intrapartum		
<b>5 ULTRASOUND</b>			
<b>6 Type/frequency, MHz</b>	Pulsed Doppler/Ultrasound frequency: 1 MHz		
<b>7 Intensity, mW/cm2</b>	<10		
<b>8 Special processing</b>	Autocorrelation		
<b>9 FHR range, bpm</b>	50-240		
<b>10 Fetal ECG/SpO2</b>	Yes/no		
<b>11 FHR range, bpm</b>	50-240		
<b>12 Uterine activity</b>	Yes		
<b>13 External/internal</b>	Yes/yes		
<b>14 Reference/zero controls</b>	Yes		
<b>15 MHR/FHR</b>	Optional		
<b>16 Multiple FHR</b>	Yes		
<b>17 Maternal ECG/NIBP/SpO2</b>	No/no/no		
<b>18 OUTPUT SIGNALS</b>			
<b>19 Analog</b>	HR/UA		
<b>20 Digital</b>	No		
<b>21 Calibration, FHR/UA</b>	Yes/yes		
<b>22 Integral signal simulation</b>	Yes		
<b>23 Computer interface</b>	RS-232C		
<b>24 Telemetry features</b>	Optional		
<b>25 DISPLAY FEATURES</b>			

<b>26 Digital FHR</b>	Yes		
<b>27 Number of displays</b>	1; color LCD		
<b>28 Digital UA</b>	Yes		
<b>29 ALARMS</b>			
<b>30 Audible/visual</b>	Not specified		
<b>31 High/low FHR</b>	Yes		
<b>32 Other alarms</b>	None		
<b>33 RECORDER</b>	Thermal array		
<b>34 Channels</b>	1		
<b>35 Paper speed, cm/min</b>	50		
<b>36 Vertical scale, bpm/cm</b>	Yes		
<b>38 Event marker</b>	Yes		
<b>39 Annotations</b>	Yes		
<b>40 Remote recording</b>	No		
<b>41 Record storage</b>	Yes		
<b>42 Number of hr</b>	>12		
<b>43 LINE POWER, VAC</b>	100-240 VAC, 50-60 Hz, 1.2 A		
<b>44 BATTERY, TYPE</b>	Optional, Ni-MH 12 V - 2600 mA		
<b>45 Operating time, hr</b>	2		
<b>46 Rechargeable</b>	Yes		
<b>48 Low-battery indicator</b>	Yes		
<b>49 AFTER SALE, Interv/Year</b>	Please Specify		
<b>51 TRAINING</b>	1		

**OXYGEN CONCENTRATOR**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Oxygen Concentrator to be used in delivery unit, ICU and Operational Theatres, able to separate Oxygen from air with high level of purity, with all accessories and component necessary for use.		
<b>2 UMDNS</b>	12-873		
<b>3 CE MARK</b>	Yes		
<b>4 GENERAL</b>			
<b>5 Delivery rate, l/min</b>	>5		
<b>6 Oxygen percentage, %</b>	> 90 ± 3% @ 5 lpm		
<b>7 Altitude of the installation, m:</b>	500		
<b>8 Outlet pressure, bar</b>	5 bar ± 0,5 bar		
<b>9 Pressure relief valve:</b>	yes, 44 psi		
<b>10 Flow meter</b>	Adjustable 0 5 l/min		
<b>11 Noise level</b>	max <55 dB at 1 m distance		
<b>12 LEDS &amp; ALARMS</b>			
<b>13 Power ON</b>	Yes		
<b>14 Low oxygen concentration</b>	O2 > 85% green or other indicator light, 70% < O2 < 85% yellow or other indicator light, O2 < 70% red or other indicator light, acoustical alarm		
<b>15 High temperature</b>	yes		
<b>16 Power failure</b>	yes		
<b>17 High and low pressure</b>	yes		
<b>18 Battery test</b>	yes		
<b>19 POWER REQUIREMENTS</b>			
<b>20 Power Supply</b>	220–240 VAC, 50 /60 Hz, 2		
<b>21 ACCESSORIES</b>	Connections (ISO) and Tubes		
<b>22 AFTER SALE, Interv/Year</b>	Please Specify		
<b>23 TRAINING</b>	0.25		



**OXYMETER, PULSE**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Portable Pulse Oxymeter with numerical and possibly graphical display, powered via re-chargeable batteries, for continuous and spot monitoring of SpO2, pulse rate and pulse strength, with alarms for high and low O2 concentration. The device will be used in hospital environment especially in ICU. Suitable for use ranging from new born to adult. The device has to be portable and lightweight, ergonomically designed to be handled.		
<b>2 UMDNS</b>	17-148		
<b>3 CE MARK</b>	Yes		
<b>4 SpO2 MODULE</b>			
<b>5 Range, %</b>	0-99		
<b>6 Accuracy, %</b>	± 2 at 70 – 99%, ± 3 at 50 – 69%		
<b>7 Averaging</b>	selectable (4/8/16 pulse)		
<b>8 Alarms</b>	High and low adjustable with steps of 1%/ OFF		
<b>9 Calibration</b>	factory calibrated		
<b>10 Sensor</b>	Plug in reusable finger sensor for Adult, (qt 2) newborn (Qt2) with estimated life > 1 year		
<b>11 Light source, nm</b>	Red 660, infrared 905 to 940		
<b>12 PERFUSION INDEX</b>	Yes		
<b>13 PULSE RATE MODULE</b>			
<b>14 Range, bpm</b>	From 30 to 250 : 254		
<b>15 Accuracy, bpm</b>	± 2% or 2 , which ever is greater		
<b>16 Alarms</b>	High and low adjustable/ OFF		
<b>17 Averaging, sec</b>	Yes		
<b>18 Display update</b>	1 Hz		
<b>19 DATA COMMUNICATION</b>			
<b>20 Port Type</b>	Optional		
<b>21 Trend storage intervals, sec</b>	4 to 30		
<b>22 Steps, sec</b>	1		
<b>23 DISPLAY</b>			

<b>24 Dimension, in</b>	1		
<b>25 Color</b>	Preferred		
<b>26 POWER REQUIREMENTS</b>			
<b>27 Power supply</b>	3x 1,5 V type AA		
<b>28 Battery type</b>	Possibility to use Rechargeable batteries		
<b>29 ACCESSORIES &amp; SPARS</b>			
<b>30 Sensors (adults, newborn)</b>	3 Adult and 3 for Newbord x each Unit		
<b>31 Case</b>	Yes		
<b>32 AFTER SALE, Interv/Year</b>	Please Specify		
<b>33 TRAINING</b>	0.25		

**SCANNING SYSTEM, ULTRASONIC, GENERAL PURPOSE**[Back to Index](#)**[Manufacturer Name/Model Name/ Version Name]**

<b>1 GENERAL DESCRIPTION</b>	Ultrasound System for General purpose, Neonatal and Pediatric, Abdominal, Cardiac, Vascular, small parts, urology, gynecology, obstetrical, Musculoskeletal		
<b>2 UMDNS</b>	15-976		
<b>3 CE MARK (MDD)</b>	Yes		
<b>4 MODES OF OPERATIONS</b>	M-Mode, M-Mode Anatomical, M-Mode Color, 3D, B-mode, BB, real time, Pulsed Wave doppler, Continuous wave doppler, dual mode, Duplex mode, Adaptive Color		
<b>5 NUMBER OF PORTS</b>	With at least two ports for connecting transducers		
<b>6 CONSOLE &amp; CONTROLS</b>	Alphanumeric keypad control dash		
<b>7 MEASUREMENT CAPABILITY</b>	Capable of measuring distance, circumference, area, volume, ellipse, angle cursor operated trackball		
<b>8 FREEZE OPTION</b>	Key to freeze frame		
<b>9 SOFTWARE PACKAGE</b>	Obstetrics and gynecology		
<b>10 INTEGRATED TRACKBALL</b>	With integrated trackball		
<b>11 MONITOR</b>			
<b>12 Type</b>	LCD or CRT monitor color		
<b>13 Resolution</b>	525 lines or greater. With 256 levels of grey or greater.		
<b>14 Gain Adjustment</b>	Yes		
<b>15 CABINET</b>			
<b>16 Wheels with brakes</b>	Yes		
<b>17 Integrated transducer holder</b>	Yes		
<b>18 Space for Storage</b>	Yes		
<b>19 Isolation Transformer</b>	Yes		
<b>20 TRANSDUCERS (PROBES)</b>			
<b>21 Broadband Sector Array Transducer</b>	Adult cardiac, deep abdominal, obstetrical and gynecological applications		
<b>22 Broadband Curved Array Transducer, 5 to 2 MHz</b>	Foetal echo and abdominal vascular applications, General Purpose abdominal, obstetrical and gynecological applications, Contrast applications		

<b>23 Broadband Linear Array Transducer 12 to 3 MHz</b>	High-resolution superficial applications: small parts, breast, superficial vascular, and musculoskeletal imaging		
<b>24 PRINTER</b>	Thermal or improved system for printing high-resolution images in black and white and color		
<b>25 POWER SUPPLY</b>	Power supply, 220 AC, 60 Hz single phase.		
<b>26 ACCESSORIES</b>			
<b>27 Conductive Gel</b>	Yes, one box		
<b>28 Plastic Cover</b>	Yes		
<b>29 UPS (if not present)</b>	Workload of at least 60 minute		
<b>30 Printer paper</b>	25 rolls		
<b>31 Conductive Gel</b>	10 Liters		
<b>32 AFTER SALE, Interv/Year</b>	Please Specify		
<b>33 TRAINING</b>	0.25		

# INOX MEDICAL TOOLS

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[Manufacturer Name/Model Name/ Version Name]

<b>GENERAL DESCRIPTION</b>	Inox Instrument		
<b>CE MARKED</b>	YES		
<b>MATERIAL</b>	Stainless steel Surgical-Grade		
<b>RUSTING PREVENTING PROCEDURE</b>	Passivation		
<b>Clamps, Artery</b>	Haemostats (Spencer Weils), curved, 200 mm	n	30
<b>Clamps, Artery</b>	Haemostats (Spencer Wells), straight, 200 mm	n	30
<b>Clamps, Artery</b>	Haemostats (Halstead's or Crile's), curved, 120 or 140 mm	n	25
<b>Clamps, Artery</b>	Haemostats (Halstead's or Crile's), straight, 120 or 140 mm	n	25
<b>Clamps, Artery</b>	Kocher's artery forceps	n	18
<b>Forceps, Dissecting and tissue</b>	Forceps, dissecting, spring type, serrated round tips, Stainless Steel, 14 cm	n	5
<b>Forceps, Dissecting and tissue</b>	Forceps, dissecting, spring type, serrated round tips, Stainless Steel, 15.5 cm	n	5
<b>Forceps, Magill</b>	Magill Intubation Forceps, Stainless Steel, cm 15	n	5
<b>Forceps, Magill</b>	Magill Intubation Forceps, Stainless Steel, cm 25	n	5
<b>Forceps, sponge-holding</b>	Forceps, sponge-holding, Forester, 20 cm, Stainless Steel, straight	n	10
<b>Forceps, sponge-holding</b>	Forceps, sponge-holding, Forester, 24 cm, Stainless Steel, straight	n	10
<b>Cotton Wool Container, Inox</b>	For holding antiseptic lotions, cotton wool and swabs when carrying out dressings, giving injections. Stainelss Steel, 8.5x8.5 (h) cm for 0.4 l with Lid	n	30
<b>Cotton Wool Container, Inox</b>	For holding antiseptic lotions, cotton wool and swabs when carrying out dressings, giving injections. Stainelss Steel, 10 cm x 10 cm (h) for 0.75 ll with Lid	n	30
<b>Cotton Wool Container, Inox</b>	For holding antiseptic lotions, cotton wool and swabs when carrying out dressings, giving injections. Stainelss Steel, 20x20cm (h) cm for 6 l with Lid	n	30
<b>Holder, Needle</b>	Needle holder, Derf, 11.5 cm, straight	n	10
<b>Holder, Needle</b>	Needle holder, Mayo-Hegar, 18cm, curved	n	10
<b>Holder, Needle</b>	Needle holder, Mayo-Hegar, 18cm, straight	n	10

<b>Holder, Needle</b>	Needle holder, Mayo-Hegar, 20cm, straight	n	10		
<b>Placenta pan</b>	Flat bottom bowl for receiving placenta after delivery. 4 liter	n	30		
<b>Kidney dishes</b>	For general use from holding soiled dressings to soaking instruments for cleaning. Staineless Steel , kidney shape, 170x100x35mm (0.5l)	n	30		
<b>Kidney dishes</b>	For general use from holding soiled dressings to soaking instruments for cleaning. Staineless Steel , kidney shape, 250x140x40mm (1.25l)	n	30		
<b>Kidney dishes</b>	For general use from holding soiled dressings to soaking instruments for cleaning. Staineless Steel , kidney shape, 275x150x45mm (2.25l)	n	30		
<b>Scissors, Episiotomy</b>	Angled blades, blunt end blades, Stainless Steel, Braun-Stadtler/Barnes, 12.5 cm	n	50		
<b>Scissors, Episiotomy</b>	Angled blades, blunt end blades, made of Stainless Steel, Braun-Stadtler /Barnes, 20cm	n	50		
<b>Scissors, Episiotomy</b>	Straight, Vant, blunt/blunt, Staineless steel, 24cm	n	28		
<b>Scissors ( cord cutting)</b>	Deaver cord cutting scissors designed to cut the umbilical cord after delivery. 140 mm	n	128		
<b>Scissors, Mayo</b>	Scissors, Mayo, 14cm, curved, blunt/blunt	n	10		
<b>Scissors, Mayo</b>	Scissors, Mayo, 17 cm, straight, blunt/blunt	n	10		
<b>Scissors, Mayo</b>	Scissors, Mayo, 17cm, curved, blunt/blunt	n	10		
<b>Scissors, Mayo</b>	Scissors, Mayo, 23cm, curved, blunt/blunt	n	10		
<b>Suture Trays</b>	Suture Trays, Rounded Corners, smooth surface 30cm x 15-22 cm x 3 cm, Stainless Steel	n	30		
<b>Towel Clips</b>	Towel Clips, Stainless Steel, 85 mm	n	30		
<b>Vaginal speculum</b>	Bi-valve (duckbill), Made of Stainless Steel , Dimensions approx.: 75 x 17-20mm	n	10		
<b>Vaginal speculum</b>	Bi-valve (duckbill), Made of Stainless Steel , Dimensions approx.: 95-105 x 25-35mm	n	10		
<b>Vaginal speculum</b>	Bi-valve (duckbill), Made of Stainless Steel , Dimensions approx.: 107-115 x 29-35mm	n	10		
<b>Sterilization Drum</b>	190x165 mm (diam x H)	n	15		

Sterilization Drum	240x145 mm (diam x H)	n	15		
Sterilization Drum	240x240 mm (diam x H)	n	15		
Sterilization Drum	240x390 mm (diam x H)	n	15		