



- A1      AED      Full automatic external defibrillator
- Easy and simple indications for rescue operations
  - Charge control: Automatic by software
  - Charge time: < 8 seconds
  - Voice instructions: Vocal and optical message guide
  - Battery capacity: 200 shocks or 4 hours of continuous operating time
  - Set of adult and Pediatric pads

A.107.15.29      RESUSCITATION STATION/BABY WARMER

- Electrical Height adjustment range 400 mm
- Mattress area 450 mm x 690 mm
- Adjustment range mattress 90 mm
- Continuously variable electrical mattress tray tilt mechanism (up to 13°) to both sides
- Side wall height 200 mm with mattress tray in bottom position
- X-ray tray 464 mm x 379 mm (18.27 in x 14.92 in)
- Tray accessible from outside for taking x-rays.
- Clear Indicators on Front Panel
- 2 heating elements
- Automatic adaptation of radiant warmer when mattress is tilted
- Setting range Off, 10 % to 100 %
- Pre-warm mode
- Resuscitation Module
- Infant Ventilation (CPAP Function)
- Central Gas Supply Connections and Holder for Gas Cylinders
- Skin temperature monitoring
- 2 temperature sensors for central and peripheral skin temperature
- Suction Circuit
- IV POLE Holder with Pole
- Monitor Shelf(s)



Phototherapy Attachment as Optional Accessory

Power Supply Mains power connection 240 V, 50/60 Hz

A.107.15.30 BABY WARMER NICU

Mattress area 450 mm x 690 mm

Adjustment range mattress 90 mm

Mattress tray tilt mechanism (up to 13°) to both sides

Side wall height 200 mm with mattress tray in bottom position

X-ray tray 464 mm x 379 mm (18.27 in x 14.92 in)

Clear Indicators on Front Panel

2 heating elements

Automatic adaptation of radiant warmer when mattress is tilted

Setting range Off, 10 % to 100 %

Pre-warm mode

Skin temperature monitoring

2 temperature sensors for central and peripheral skin temperature

IV POLE Holder with Pole

Monitor Shelf(s)

Phototherapy Attachment (Reverse Optional)

Power Supply Mains power connection 240 V, 50/60 Hz

A.109.42.80 RESUSCITATION UNIT (AMBU) ADULT/PEDIATRIC SET COMPLETE

Resuscitator bag with an antistatic autoclavable

Self-expanding rubber internal bag and with extra soft external bag.

Connections in accordance with EN 1281-1 directives for peep valve

Intubation fitting

Oxygen reservoir and Oxygen intake

Face masks.

Removable and autoclavable valve.



A.112.61.59 ELECTRONIC TRANSPORT VENTILATOR ON BED HOOK

Drive: Electronic

Mode: (visual sign) 5-30 BPM

Flow: 2 to 20 l/min

I/E Ratio: 1:2

Oxygen concentration: 60%-100%

Mechanical overpressure relief: 15-60 cm H<sub>2</sub>O - adjustable

Medical gas supply: 3,5 bar  $\pm$  0,5

Battery operation: Approx. 4 hours

Audible and visual alarms: Low battery - gas supply

Alarm reset: 30 sec.

Manometer: -20 +70 cm H<sub>2</sub>O

Vacuum sensor: Switch

External/Internal source: 12 V DC

A.50.51.53 ANESTHESIA PENDANT MECH WITH MONITOR SHELF AND POWER OUTLET

Medical Pendant – Anesthesia

Central gas Supply NIST connections

Power Outlets x 3

Articulated

Mechanical

Ceiling Suspended

Anesthesia Machine Support Holder

Gas Outlets with Standby Outlets

Shelf

Pole Holder



A.51.03.06 ANESTHESIA UNIT - 2 VAPORIZERS/VENTILATOR/RESP MONITOR

Two Vaporizers Manifold  
Three Drawers Configuration  
Central braking mechanism.  
O2 & N2O Cylinder Yoke  
Pipeline Inlet for Oxygen, Nitrous Oxide & Air  
Integrated Anaesthesia Ventilator  
VCV, PCV, SIMV, PSVPro, PCV-VG, SIMV-PCV VG, CPAP+ PSV  
Spirometry - Waveforms & Loops& Cardiac bypass mode  
Passive anaesthesia gas scavenging  
Exhaled Data Monitoring & Tidal Volume Compensation  
Electronic PEEP  
Reusable Adult Patient Circuit  
Reusable Paediatric Patient Circuit  
Oxygen and Gases Optimization Module  
Clear LCD Screen 10.1" +

A.51.54.59 ANESTHESIA WORKSTATION- 2 VAPORIZERS/DIGITAL/RESP+PATIENT  
MONITOR/VENTILATOR/GAS SCAVENGING

Screen size: 12.1" +  
Gas supply: O2, O2 +N2O, O2+N2O+Air, O2+Air  
Back-up cylinder yokes  
Retractable working table  
Electronic flowmeters  
ACGO  
2 Positions for vaporizer  
Vaporizer: Halothane, Enflurane, Isoflurane, Sevoflurane, Desflurane  
Volume-controlled ventilation  
Pressure-controlled ventilation



PCV-VG (volume guarantee)  
SIMV (with PSV backup)  
PSV (with apnoea backup)  
Electronic PEEP  
2 stage adjustable LED light  
Inspired oxygen sensor  
Auxiliary O2 outlet  
Paramagnetic oxygen monitoring  
ETCO2 monitoring  
Anaesthesia agents monitoring  
BIS monitoring  
AA measurement  
PV, FV and FP loops  
Patient Monitor Support  
Spirometry - Waveforms & Loops& Cardiac bypass mode  
Passive anaesthesia gas scavenging  
Exhaled Data Monitoring & Tidal Volume Compensation  
Reusable Adult Patient Circuit  
Reusable Paediatric Patient Circuit

A.52.06.11 ANESTHESIA MACHINE - SIMPLE - MRI COMPATIBLE

Approved for use with a 1.5 tesla scanner  
Up to the 400 gauss line  
Designed specifically for use in an MRI environment  
8"+ TFT Colour Screen  
Micro-Processor Controlled Ventilator  
Pressure, Spirometry Data and Oxygen Measurement  
Compact footprint  
On Trolley (Castors)



Six ventilation modes

Patient support for spontaneous breathing

Auxiliary oxygen flowmeter

Single Vaporizer with interlock

Enclosed construction – no hidden storage areas

Lockable castors

Aluminium uprights

Integrated CO2 absorber with ventilator interface

Integrated Cylinders Holders

Non-Magnetic Gas Cylinders

A.55.09.17 CPAP MACHINE – NEONATAL

CPAP

Auto CPAP

On Trolley

Intensive Care Application

Clear Displays

Minimum Flow Settings

Air-Oxygen Blender

Air circuit system

Silent Operation

Connection to Central Oxygen Supply

Oxygen Concentration Setting 21%-100%

Independent Flow meter

Safety Valve

Built-in Battery – Up to 60 min

A.57.60.70 HUMIDIFIER FOR NEONATAL HFO VENTILATOR

Connectors to Breathing Circuit



- Compatible with ICU ventilators (NICU)
- Selectable temperature and humidity levels
- Simple controls
- Clear display
- Alarm system
- Flow Sensing and Detection
- Optimised humidification delivery
- Automatic standby during periods of gas flow interruption or water out

A.57.60.70M HUMIDIFIER FOR NEONATAL VENTILATOR

- Connectors to Breathing Circuit
- Compatible with ICU ventilators (NICU)
- Selectable temperature and humidity levels
- Simple controls
- Clear display
- Alarm system
- Flow Sensing and Detection
- Optimised humidification delivery
- Automatic standby during periods of gas flow interruption or water out

A.57.60.71 HUMIDIFIER FOR ADULT/PEDIATRIC VENTILATOR

- Connectors to Breathing Circuit
- Compatible with ICU ventilators (NICU)
- Selectable temperature and humidity levels
- Simple controls & Clear display
- Alarm system
- Flow Sensing and Detection
- Optimised humidification delivery
- Automatic standby during periods of gas flow interruption or water out



- A.60.12.23      NEBULISER - EMERGENCY ROOM WITH MEDICATION CUP
- Sterilizable Nebulization bulb in polypropylene
  - Sterilizable nasal prong in polypropylene
  - Sterilizable mouthpiece in polypropylene
  - Plastic adult and paediatric face mask Tubing and connectors
  - Operating Voltage: 230 V - 50 Hz
  - Nebulization rate: 0.50 ml/min with 4 ml solution
  - MMAD: 3.25  $\mu$ m
- A.60.63.76      NEBULISER - EMITTED DOSE - ICU/CCU
- Pneumatic operation
  - Operating Voltage: 230 V - 50 Hz
  - Max pressure: 250 kPa (2.5 bar)
  - Air flow: 16 l/min
  - Operating pressure: 130 kPa (1.30 bar)
  - Operating air flow: 5.2 l/min at 130 kPa
  - Emitted Dose Control (analogue or Digital)
  - MMAD: 3.25  $\mu$ m
- A.61.15.29      NEBULISER – STANDBY
- Sterilizable Nebulization bulb in polypropylene
  - Sterilizable nasal prong in polypropylene
  - Sterilizable mouthpiece in polypropylene
  - Plastic adult and paediatric face mask Tubing and connectors
  - Operating Voltage: 230 V - 50 Hz
  - Controllable Emitted Dose for Medication
  - MMAD: 3.25  $\mu$ m





A.63.66.82 PLETHYSMOGRAPH CABINET - COMPACT SIZE WITH CHAIR

Real time exhaled gas determination

Real time ATP – BTPS calculation

Calibration free ultrasound-flow-sensor

Resistance free measuring-sensor

Adult / Paediatric Application

Standard measuring applications:

Body Plethysmography

Real-Time Diffusion Single Breath

Flow – Volume

Spirometry

Calibration programs

A.66.18.34 VENTILATOR - ADULT – ICU

12” + Touch TFT LCD Screen

3 Waveforms Display

Dual CPU Control

180 min Battery Support (Internal)

Ventilation Mode:

- o Assist Control (VCV or PCV)
- o SIMV, SIMV/Psupp (VCV or PCV)
- o PSV
- o CPAP
- o PRVC
- o APRV
- o NIV
- o Mask Ventilation

Ventilation Frequency: 1 to 150/min (A/C), 1 to 60/min (SIMV)

Inspiration time: 0.2 to 10s



Selectable and Adjustable:

Tidal Volume

Inspiratory Flow

Inspiratory pressure

PEEP

O2 Concentration

Trigger (Pressure/Flow)

Monitored Parameters:

- o Airway pressure
- o Minute Volume
- o Tidal Volume
- o Breathing Frequency
- o O2 Concentration
- o Lung Mechanics
- o Waveform Airways
- o Loops
- o Trends – 72 Hours

Power Supply: 240V – 50/60 Hz

Connection to central Gas Supply

Outlet for Pneumatic Nebulizer

A.67.21.40 VENTILATOR - BIPAP CAPABILITY - ICU

Adult/Paediatric

VCV Assisted/Controlled

PCV Assisted/Controlled

PSV/CPAP

PRVC

SIMV (VCV) + PSV

SIMV (PCV) + PSV



MMV + PSV  
PSV + Assured Tidal Volume  
Biphasic Pressure (APRV+BIPAP)  
VNI  
Alarms  
Programmable  
Maximum Pressure  
Minimum Pressure  
Maximum Exhaled Minute Vol.  
Minimum Exhaled Minute Vol.  
Maximum Exhaled Tidal Vol.  
Minimum Exhaled Tidal Vol.  
Maximum Respiratory Frequency  
Apnoea  
PEEP  
FiO2  
Automatic  
Interrupted Cycle  
Inverted I:E Relation  
Power Failure  
Air/O2 Pressure Failure  
Low Battery  
Power Supply: 240V – 50/60 Hz  
Connection to central Gas Supply

A.67.72.93 VENTILATOR – NEONATAL

Neonatal  
VCV Assisted/Controlled  
PCV Assisted/Controlled



PSV/CPAP  
SIMV (PCV) + PSV  
Continuous Flow  
Nasal CPAP  
Alarms  
Programmable  
Maximum Pressure  
Minimum Pressure  
Maximum Exhaled Minute Vol.  
Minimum Exhaled Minute Vol.  
Maximum Exhaled Tidal Vol.  
Minimum Exhaled Tidal Vol.  
Maximum Respiratory Frequency  
Apnoea  
PEEP  
FiO2  
Automatic  
Interrupted Cycle  
Inverted I:E Relation  
Power Failure  
Air/O2 Pressure Failure  
Low Battery  
Power Supply: 240V – 50/60 Hz  
Connection to central Gas Supply

A.68.24.46 VENTILATOR - NEONATAL HFO

Neonatal  
VCV Assisted/Controlled  
PCV Assisted/Controlled



PSV/CPAP  
SIMV (PCV) + PSV  
Continuous Flow  
Nasal CPAP  
HFO – High Frequency Oscillation  
Alarms  
Programmable  
Maximum Pressure  
Minimum Pressure  
Maximum Exhaled Minute Vol.  
Minimum Exhaled Minute Vol.  
Maximum Exhaled Tidal Vol.  
Minimum Exhaled Tidal Vol.  
Maximum Respiratory Frequency  
Apnoea  
PEEP  
FiO<sub>2</sub>  
Automatic  
Interrupted Cycle  
Inverted I:E Relation  
Power Failure  
Air/O<sub>2</sub> Pressure Failure  
Low Battery  
Power Supply: 240V – 50/60 Hz  
Connection to central Gas Supply

A.68.75.99 VENTILATOR - PEDIATRIC/ADULT ICU  
Adult/Paediatric  
VCV Assisted/Controlled



PCV Assisted/Controlled

PSV/CPAP

PRVC

SIMV (VCV) + PSV

SIMV (PCV) + PSV

MMV + PSV

PSV + Assured Tidal Volume

VNI

Alarms

Programmable

Maximum Pressure

Minimum Pressure

Maximum Exhaled Minute Vol.

Minimum Exhaled Minute Vol.

Maximum Exhaled Tidal Vol.

Minimum Exhaled Tidal Vol.

Maximum Respiratory Frequency

Apnoea

PEEP

FiO<sub>2</sub>

Automatic

Interrupted Cycle

Inverted I:E Relation

Power Failure

Air/O<sub>2</sub> Pressure Failure

Low Battery

Power Supply: 240V – 50/60 Hz

Connection to central Gas Supply



A.69.27.52 VENTILATOR - TRANSPORT - ADULT

Automatic ventilator designed for first aid, ambulances, inter and intra-hospital transfer of critically ill patients.

Drive: Electronic

Mode: (visual sign) 5-30 BPM

Flow: 2 to 20 l/min

I/E Ratio: 1:2

Oxygen concentration: 60%-100% Patented system

Mechanical overpressure relief: 15-60 cm H<sub>2</sub>O - adjustable

Medical gas supply: 3,5 bar  $\pm$  0,5

Battery operation: Approx. 4 hours

Audible and visual alarms: Low battery -gas supply

Other indications displayed: Medical gas supply

Alarm reset: 30 sec.

Manometer: -20 +70 cm H<sub>2</sub>O

Vacuum sensor: Switch

External/Internal source: 12 V DC

ASF.001 PORCELAIN FURNACE WITH VACCUM PUMP

Auto lift and down tray

Non-oil vacuum pump

Suitable for all kinds of ceramic powder materia

Automatic Temperature Adjustment

Noise-free,

Speed programmable

ASF.002 BURNOUT FURNACE

Allows Quick Heat Rise and Cooling

Minimum time needed to reach temperature at 950 Degree Celsius



Automatic Control System

Smooth Door Movement

Proper Fan to ensure Clean Working Environment

ASF.003 CASTING MACHINE - MANUAL

Manual Centrifugal Casting Machine

Material SS

Used for Oral Restoration Section for the melting and casting of various high melting point alloys

ASF.004 SANDBLASTER

Used to roughen the surfaces of metal, ceramic and plastic materials

Built in antisuction system

Link way:4 hole dental unit.

Operation air pressure approximately 0.3Mpa-0.4Mpa.

Blasting hole approximately  $\Phi 0.5\text{mm}$ .

ASF.005 MICRO SANDPLASTER

Precise sandblasting

Double Container

25 to 250 micron abrasives

Provision for connection to an aspirator

Anti-moisture system

ASF.006 VIBRATOR Dental

Used for reducing bubbles, ensuring the flawless results of duplicating moulds

Load Capacity approximately 4 Kg

Adjustable Vibration





ASF.007            HANGING MOTOR WITH HANPIECE

To be attached to a long swivel and height adjustable arm mounted onto the left of the patients chair ; to include:

Dental hand-piece, high speed Air turbine, contra- angle, with fiber optics.

Dental hand-piece, low speed electric motor (speed: 12000 – 120000 rpm), contra-angle, with fiber optics.

Dental hand-piece, low speed electric motor (speed: 4000 – 40000 rpm). Straight, with fiber optics.

Dental scalar hand piece with three types of scaler tip.

Two Air / water syringe hand-pieces, cold and heated spray

ASF.008            MICRO MOTOR

Foot Switch On/Off

Speed 1,000 - 35,000 rpm

Power Absorbed 90 watt

ASF.009            VACCUM MIXER

Should be able to perform Entire cycles of paddling, pouring of the coating, vibration.

Noise Free

Maintenance Free

Rotation Speed approximately 200 rpm

Timer Digital Display

ASF.010            PINDEX

Pindex Drill

Laser Positioning

Power approx.100W

Speed 15,000 rpm

Switch Power Indicator Light



ASF.011	MODEL TRIMMER  Reset switch  Power 500 Watt  Speed 1.450 rpm
ASF.012	STEAM MACHINE  Generator for the decontamination and cleaning of metals, ceramic, resins  Capacity approximately 5 liters  Material SS  Steam Gun should have different nozzles  Should be compliant with CE Norms
ASF.013	MOTOR CENTRIFUGE    Foot operated Steam Ejection  Used, during casting processes  Automatic Stop of unit when Door is open  Operation should be allowed only in complete operator's safety  Digital Timer  Compliant with CEE safety directives
ASF.014	POLISHING MOTOR  Manufactured with electric Welded Steel Sheet  Rustproof painting  Suction hood  Suitable Light  Aspirator 0.5 Hp  Proper Filter for Dust  Dust Recovery Drawer



D.110.51.53 AMALGAMATOR – DENTAL

Dental capsule mixer

Timer control adjustable up to 99 seconds

Two speed levels of approx. 3000 rpm and 4000 rpm

Noise level < 60 dB(A)

Microprocessor controlled

D.111.03.06 DENTAL CURING LIGHT - CORDLESS - LED

LED dental curing light

High intensity light with a range of approx. 400 - 500 nm

Two-button operation

One-piece stainless steel hygienic casing

Including wall hook and charger

D.111.54.59 LASER - DENTAL SURGICAL/DIODE/TABLETOP FOR SOFT TISSUE

Wavelength: 970 +/- 15 nm

Operation Modes: Continuous, Chopped, Peak Pulse

Power: 0.5 – 7 W

Max. Power in peak pulse: 7 W

Frequency: 1 – 100 Hz

Duty Cycle: 50% in Chopped Mode (Variable in Peak Pulse)

Input Power: 220 V-230 V 50Hz/60Hz



D.121.03.06 DENTAL CHAIR BUILT IN COMPRESSOR COMPLETE

Cabinet with built-in compressor, control panel and tray holder

Three hand pieces with hanging tubes

Self-contained water system with filters

Three-way syringe with autoclavable tip

Cabinet with built-in suction system

Stainless Steel tray with anti-skid pad

Wet/Dry foot control

Chair mounted examination light

Spittoon system

Dentist stool, mobile

Chair Fully adjustable, Electric System

Double-articulating headrest

D.122.06.11 RADIOVISIOGRAPHY UNIT - HANDHELD WITH INTRAORAL CAMERA

CDR Digital Sensor

Size1, 20x30mm

Inclusive of Software for Image Acquisition and Processing

PC Included (Laptop)

DU.003 SINK - CLEANER - SINGLE

SS material

Wall Mounted

Flow of Water without Hand Contact

Approximate Dimensions 450 mmx500mmx240mm

DU.007 SLOP HOPPER SS Material

Wall Mounted

Funnel shaped bowl with vertical flush pipe inlet



Approx. dimensions of sink 540 mm x 540 mm

E.20.51.53      AUDIOMETER - TABLE TOP - DUAL CHANNEL

Screening audiometer with printer

Frequency ranging from approx. 125 Hz – 8 KHz

Sound level from approx. 0 – 110 dB(A)

Output: Air Conduction / Bone Conduction

Masking: NB / WN / SN / PN

Max HL Air conduction / Bone conduction: 110 dB(A) / 70 dB(A)

Including head set and bone conductor

E.20.51.54      BOOTH - AUDIOMETRY - COMPACT WITH VIEWPORT AND CHAIR

Compact Design

91x91x193h cm

Auto-Extinguishing Panels

Viewport

Acoustic Insulation 18dB to 39dB (125Hz to 4000Hz)

Noise Reduction: 28dB

Audiometer Connection Module

Internal illumination

220V 50/60Hz

E.21.54.59      SCREENING - HEARING FOR NEWBORN - OAE & ABR

Digital

Handheld

Acoustic Stimulation: Alternating Clicks

Twin Probe for Simultaneous Testing of Both ears

Inclusive of Software

Tests:



- o DPOAE
- o TEOAE
- o FMDPOAE
- o AABR

Up to 90 dB Sound Intensity

Auto Calibration

E.22.06.11 TYMPANOMETER

Tympanometer for reflex screening, threshold and decay

Admittance monitoring

Conductance and Susceptance

Built-in thermal printer

Function tests for use with both intact and perforated eardrums

1000 Hz probe tone

Air pressure control automatic

Internal memory for two ears

E.40.51.53 ENT CAMERA

Handheld

PC-Linked

Light Source Integrated

Otoscope

Disposable Specula

Imaging Software Included

Flexible Camera Probe – set of Various Lengths



E.41.03.06 ENT FLEXIBLE SCOPE

Video Endoscope – Otoscope/Sinuscope

Led Light Integrated

Image Sensor CMOS

High Image Resolution

85Deg FOV

3.8mm Diameter

Synthetic Tube Material

Angulation: 2x160Deg

Ergonomic Handle

Video Controls on handle

E.41.54.59 ENT STATION WITH CHAIR AND INSTRUMENTS - VIDEO MONITOR

Storage cabinet for ENT instruments and equipment, comprising:

LED Illuminating light

3 x Spray guns

1 x Suction gun

1 x Blowing gun

1 x Head light, with connectivity to the cold light source

1 x Cold light source, two connection points

ENT Patient chair, with arm and head rest, adjustable to horizontal position

Warm water system, 37 degrees

Including film viewer

Doctor stool, mobile

Compressor and vacuum pump



E.51.54.59 ENT MICROSCOPE

Binocular: 90 degrees straight for ENT  
Eye piece: 12.5 x wide field 16 mm adjustment  
Total magnification: 7.5 x, 12.5 x, 20 x  
Field of view: 37.8 mm, 23.5 mm, 14.5 mm  
Working distance: 200 mm  
Interpupillary distance: 55 mm to 75 mm  
Objective lens: F=200  
Twin bulb with microscope fibre cable  
Three-step magnification  
Dual port light source  
Solid base with lockable wheel  
Including handheld ENT set in case

E.52.06.11 MICROSCOPE - OPERATING - ENT SURGERY

Zoom magnification: from 5 to 25 x, in steps of approx. 4 x  
Objective lenses included: F 200 mm, F 400 mm  
Working distance range from approx. 200 – 400 mm  
Fine focus by manual control  
Field of view approx. 50 mm  
Inter pupil distance from approx. 55 – 75 mm  
Fibre optic light source  
Field of illumination auto-adjusts to cover  
Reinforced base of the unit  
Yellow filter included  
Beam splitter included  
Unit on four castors of approx. 100 mm  
Microscope is connected to the base via pole and an arm  
Microscope can be adjusted and rotated along Z axis





- F.101.03.06      PHYSIOTHERAPY TABLE (BOBATH)
- Hydraulic Control
  - Height Adjustable – 43cm to 96cm
  - 2-Sections
  - On Castors
  - 100cm Treatment Surface
- F.106.45.86      WHEEL CHAIR
- Foldable wheelchair
  - Chrome plated tube frame
  - Upholstered armrests
  - Detachable folding footplates
  - Seat width approx. 450 mm, seat depth approx. 400 mm
- F.106.45.87      WHEEL CHAIR – PEDIATRICS
- Foldable wheelchair
  - Chrome plated tube frame
  - Upholstered armrests
  - Detachable folding footplates
  - Seat width approx. 350 mm
- F.106.45.88      WHEEL CHAIR - MRI COMPATIBLE
- Specifically designed for use in and around the MRI Room
  - Produced from non-ferromagnetic high quality materials.
  - Not affected by magnetic field.
  - Foldable
  - MRI compatibility certificate up to 3 Tesla.



F.109.55.03 TROLLEY - PATIENT TRANSPORT - STAINLESS STEEL FRAME - WASHABLE PADDING

Collapsible fold down side rails

Hydraulic Height Adjustment

1 Section

Weight capacity > 170 kg

Lying surface dimensions are approx. (L x W) 2000 x 850 mm

Swivel castors of approx. 125 mm, 2 with Brakes

Frame made of Stainless Steel Tubes

Scratch Resistant, Washable padding

Dimensions are approx. (LxWxH) 2100 x 1000 x 1000 mm

F.109.55.05 STRETCHER - PROCEDURAL

Hydraulic adjustable patient stretcher with the following characteristics:

Variable height from approx. < 500 - > 1000 mm

Easy back section adjustment for manual CPR

Collapsible fold down side rails

Equipped with I.V. Pole, oxygen cylinder holder, drainage hook and bumper protection

Weight capacity > 170 kg

Lying surface dimensions are approx. (L x W) 2000 x 900 mm

Swivel castors of approx. 125 mm, with central locking brake system

Frame made of lightweight aluminium construction

Dimensions are approx. (LxWxH) 2100 x 1000 x 1000 mm

F.116.58.09 TROLLEY - PATIENT TRANSPORT - ABS FRAME - PADDED - TR AND RTR - HYDRAULIC

Hydraulic adjustable patient stretcher with the following characteristics:

Variable height from approx. < 500 - > 1000 mm

Adjustable back up to > 60 degree angle

Collapsible fold down side rails

Weight capacity > 170 kg



Lying surface dimensions are approx. (L x W) 2000 x 900 mm  
Swivel castors of approx. 125 mm, with central locking brake system  
Frame made of lightweight aluminium construction  
Dimensions are approx. (LxWxH) 2100 x 1000 x 1000 mm

F.118.09.62 TROLLEY - PATIENT TRANSPORT - MRI COMPATIBLE - PADDED - ON CASTORS

Collapsible fold down side rails  
Manual Height Adjustment  
1 Section  
Weight capacity > 170 kg  
Lying surface dimensions are approx. (L x W) 2000 x 850 mm  
Swivel castors of approx. 125 mm, 2 with Brakes  
Frame made of Anodized Scratch resistant Aluminum  
Scratch Resistant, Washable padding  
MRI Compatible up to 400 gauss line (1.5T)  
Dimensions are approx. (LxWxH) 2100 x 1000 x 1000 mm

F.128.58.54 BOWL STAND STAINLESS STEEL DOUBLE BOWL

Double Bowl holder  
304 Stainless Steel Construction  
On Castors  
With bowls

F.129.10.06 BUCKET - KICK ABOUT ON CASTORS STAINLESS STEEL

Bucket made of type 304 stainless steel  
Including lockable cover  
Carrying handle  
Covered with around rubber circle to protect against bumps  
Capacity approx. 12 litres



Mounted on 5 swivel castors of approx. 50 mm

Dimensions are approx. (WxH) 350 x 400 mm

F.129.61.59 CABINET - DANGEROUS DRUG COMPARTMENT

Cabinet for storage of dangerous drugs

Double door lock security, including locks

Two adjustable shelves

Frame made of powder coated heavy gauge steel

F.130.13.12 CABINET - OT - STAINLESS STEEL - INSTRUMENT AND CONSUMABLES STORAGE

Including 5 adjustable shelves

2 lockable transparent doors

Type 304 stainless steel frame

Dimensions are approx. (DxWxH) 400 x 1200 x 2000 mm

F.130.64.65 DRESSING TROLLEY - OT - STAINLESS STEEL - ON CASTORS

Approximately five drawers, varying height

Drawers are divided in compartments

One bucket integrated in the unit

One detachable bucket

Two holding rails, one on each side

Trolley frame made of type 304 stainless steel

Trolley on four swivel castors of approx. 100 mm, two of them lockable

F.131.16.18 DRESSING TROLLEY - STANDARD

Approximately five drawers, varying height

Drawers are divided in compartments

One bucket integrated in the unit

One detachable bucket



Two holding rails, one on each side

Trolley frame made of type 304 stainless steel

Trolley on four swivel castors of approx. 100 mm, two of them lockable

Dimensions are approx. (LxWxH) 600 x 400 x 800 mm

F.131.67.71 TABLE - INSTRUMENTS - STAINLESS STEEL - 2 SHELVES - ON CASTORS

Two shelves with raised edges

Trolley frame made of type 304 stainless steel

Trolley on four swivel castors of approx. 100 mm, two of them lockable

Dimensions are approx. (LxWxH) 600 x 400 x 800 mm

F.132.19.23 CART - ANAESTHESIA - ABS - 5 DRAWERS

4 wheels Ø 125 mm 2 with brakes

2 rear hooks

All around bumper

Body washable and resistant

Drawer for medications

Bucket for used needles/sharps

Oxygen tank holder for max 3 lt. bottle

F.132.19.24 TABLE - MAYO - STAINLESS STEEL

With push handle

Height adjustable by hydraulic system from approx. 850 – 1200 mm

Trolley frame made of type 304 stainless steel

Trolley on four swivel castors of approx. 100 mm, two of them lockable

Dimensions are approx. (LxWxH) 650 x 550 x 1200 mm

F.132.19.26 TABLE - MAYO - MRI COMPATIBLE

Specifically designed for use in and around the MRI Room



Produced from non-ferromagnetic materials.

Not affected by magnetic field.

With push handle

Height adjustable by hydraulic system from approx. 850 – 1200 mm

Trolley on four swivel castors of approx. 100 mm, two of them lockable

Dimensions are approx. (LxWxH) 650 x 550 x 1200 mm

MRI compatibility certificate up to 3 Tesla.

F.132.70.76 TROLLEY - TRANSPORT - STERILE INSTRUMENTS - HERMETIC

With push handle

Trolley frame made of type 304 stainless steel

F.133.22.29 TROLLEY - TRANSPORT - WIRE BASKETS

With push handle

Trolley frame made of type 304 stainless steel

F.133.73.82 WASH STATION - DOUBLE SINK - STAINLESS STEEL - SPRAY GUN WATER

Air gun pressure cleaning / water + spiral tube

The maximum fluid pressure can be adjusted manually

Including different nozzles for cleaning and drying

Included spiral yellow air tube and spiral water tube

Gun made of type 304 stainless steel

Type 304 stainless steel scrub sink basin

Drain opening with sink creased toward drain

Dimension are approx. (LxWxH) 1800 x 500 x 900 mm



- F.133.73.83      CURTAIN - PATIENT SEPARATION
- 100% Flame Resistant Polyester
  - 106" overall
  - 4" Header, 23" Mesh, 80" Body
  - Fabric is used railroaded yielding seamless construction
  - Maximum fabricated height is 102" (includes 23" of integral mesh)
  - Mesh 70% opening
- F.136.31.46      WORK TABLE - STAINLESS STEEL - 1.8 M - PACKING AND SORTING
- Table for central sterilization workplace
  - Constructed of stainless steel 18 gauge, corrosion resistant
  - No sharp edges, all edges welded together and polished to all corners for hygiene as well comfort and safety
  - With adjustable bullet feet
  - Six legs
  - Dimensions approx. 1800 x 900 x 900 mm (W x D x L)
- F.164.92.17      INSTRUMENT TROLLEY - OT - STAINLESS STEEL - ON CASTORS
- Two shelves with raised edges
  - Trolley frame made of type 304 stainless steel
  - Trolley on four swivel castors of approx. 100 mm, two of them lockable
  - Dimensions are approx. (LxWxH) 600 x 400 x 800 mm
- F.34.15.31      BED - PEDIATRIC - 2 SECTION - MANUAL - ON CASTORS WITH MATTRESS
- 2 Section, Manual Bed
  - Mattress platform with ABS cover
  - Sliding side rail
  - Equipped with castors for quick movements
  - Standard size: 180X98X40



Manual adjustment of backrest and footrest by crank

Electrostatic powder coated metal frame

Protective corner bumpers

IV pole sockets

360 swivel and diagonally lockable castors

Height adjustable IV pole

F.35.66.82      BABY COT - TRANSPARENT PRESPEX DESIGN ON CASTORS

Transparent unbreakable plastic cradle with edges and ventilation holes

Epoxy powder painted mainframe made of laminated curved and welded steel

Shape of trolley allows horizontal and Trendelenburg inclinations and bedside  
positioning

Legs fitted with 4 castors Ø 80 mm, two with brake

Dimensions 82x53x90 h cm

F.38.72.93      BED 3 SECTION ELECTRIC - FIXED HEIGHT - ON CASTORS

Electrical operated backrest and legrest adjustment

Patient handset

Hygienic design (PP), lockable and tuck away side rails

Tubular Steel frame with easy removable ABS plastic covers

Removable headboard and footboards.

Diagonally lockable castors.

Electrostatic painted metal frame.

Height adjustable stainless steel IV pole.

Easy adjustable knee break position.

Plastic crash bumpers on each corner.

X-Ray translucent backrest and cassette carrier





TECHNICAL SPECIFICATIONS

Overall Length: 228 cm

Overall Width: 113 cm

Height ( Fixed ) : 50 cm

Backrest Angle (Max.) : 70°

Legrest Angle (Max.) : 34°

Castor Diameter: 125 mm

Under Bed Clearance: 15 cm

Safe Working Load: 240 kg

Electrical Shock Protection

Liquid Ingress Protection

Batteries: 1.5A max. At 230V AC 50-60 Hz

F.39.24.46

BED INTENSIVE CARE FULL ELECTRIC

Electrical operated backrest, height and legrest adjustment

Electrical operated Trendelenburg, reverse Trendelenburg, fowler and vascular positions.

Patient and Nurse controls on side rails

Nurse control unit on foot end

Auto-CPR

Double Auto regression system on backrest and legrest

Auto contour

Lockable and tuck away side rails

Tubular Steel frame with easy removable ABS plastic covers

Removable headboard and footboards.

Central and directional lockable twin castors.

Electrostatic painted metal frame.

Height adjustable stainless steel IV pole.

Easy adjustable knee break position.



Plastic crash bumpers on each corner.

Dual sided manual CPR at backrest

Angle gauge for back.

Angle gauge for bed.

Cardiac chair position with one button.

Shock position with one button.

Semi-Fowler position with one button.

Bed exit position with one button.

Examination position with one button.

Flexible control unit cable

X-Ray translucent backrest and cassette carrier.

IPX6W standard electronic system.

Overall Length: 228 cm

Overall Width: 113 cm

Height Range: 37-82 cm

Trendelenburg: 0°-16°

Reverse Trendelenburg: 0°-16°

Backrest Angle (Max.) : 70°

Legrest Angle (Max.) : 34°

Castor Diameter: 150 mm

Under Bed Clearance: 15 cm

Safe Working Load: 250 kg

Electrical Shock Protection

Liquid Ingress Protection

Batteries: 1.5A max. At 230V AC 50-60 Hz

F.39.24.47 BED INTENSIVE CARE FULL ELECTRIC - PEDIATRIC

Functions: Back section, Foot section , high-low , Trendelenburg, Reverse trendelenburg

Electric CPR



Manual CPR on both sides  
Height/Angle indicator  
Backup battery  
Approximate Size/Height 1900\*995\*505-750mm  
Electrostatic powder coated metal frame  
Protective corner bumpers  
IV pole sockets  
360 swivel and diagonally lockable castors  
Height adjustable IV pole

F.39.75.99 BED - DELIVERY - HEIGHT ADJUSTABLE - HYDRAULIC - WITH ACCESSORIES

Strong and solid structure painted with epoxy powder.<sup>[1]</sup><sub>SEP</sub>  
Three sections on Castors with detachable foot section.  
Top has high density divided/detachable padding, covered with washable, fire proof, leatherette material class 1 IM.  
Full adjustable <sup>[1]</sup><sub>SEP</sub> Height, up to 95 cm, by electric engine with foot control  
head section is adjusted by a gas cylinder central section by a gas cylinder up to 65°  
Supplied with 2 quality foam leg holders, stainless steel tray and couch roll holder  
Maximum load: 150 kg.  
With extra Kit leg holder includes 2 leg holder and arms

F.40.75.99 BED SIDE TABLE

Epoxy powder coated steel sheet body.  
ABS covered Top Platform  
Soft rubber antitrauma handle.  
Sliding drawer with removable ABS tray.  
Inner removable shelf.  
4 revolving castors (2 with brake)



F.43.66.82 OVERBED TABLE

Overbed table with steel

Frame and high density board.

Base with 4 Ø 50 mm (2.5”) removable castors (2 with brake).

Adjustable height and angle.

Board size: 41x61 cm.

F.44.66.83 PATIENT CHAIR - RECLINED - 3 SECTION - HYDRAULIC - FIXED HEIGHT - ARM SUPPORT

Chair frame made of epoxy coated steel with antibacterial finish

Gas assisted backrest adjustment and Leg Section

Upholstered with resistant, washable and flame-retardant material

Supplied with arm pads and set of phlebotomy arm rests

F.46.27.52 CLASSIC EXAMINATION COUCH – CHROMED

Chromed mainframe and legs constructed in chrome-plated round steel pipes.

Legs fitted with plastic feet.

The two-section top has resilient foam padding covered with washable and fire-proof plastic material

Backrest fully adjustable.

Technical Specifications

Size: 180 x 57 x h 73 cm

Includes Paper Roll Holder on Head Rest

Delivered in kit form

- Maximum load: 200 kg



F.46.79.04 CLASSIC EXAMINATION COUCH - WITH HOLE

Chromed mainframe and legs constructed in chrome-plated round steel pipes.

Legs fitted with plastic feet.

The two-section top has resilient foam padding covered with washable and fire-proof plastic material

Backrest fully adjustable with Face Hole.

Technical Specifications

Size: 180 x 57 x h 73 cm

Includes Paper Roll Holder on Head Rest

Delivered in kit form

- Maximum load:200 kg

F.72.57.64 TABLE - OPERATING - ELECTRIC/HYDRAULIC - WITH MANUAL OVERRIDE - EYE/ENT SURGERY

Table top in 5 sections, with split leg support

Base and column casings made of type 304 stainless steel and aluminium

Height adjustment Electric/Hydraulic with a foot pedal

Table top frame made of powder coated steel

Top plate made of X-ray translucent high-pressure laminate

Cushion made of antistatic cleanable PU

Gas spring assisted and manual operated back, foot and head section adjustments

Trendelenburg and anti-Trendelenburg +30° degrees and -30°, manually gas spring assisted

Stainless steel side rail on both sides of the bed

Maximum patient weight >170 kg

Dimple for fluid drainage near crotch section of the bed

The equipment allows a complete radiographic patient examination without changing patient position on the plane.

Includes the following accessories:

- o Anaesthetic screen holder and support



- translucent
- o Arm support with cushion
  - o Sliding radiographic chassis and holder
  - o Radio-translucent hinged mattress
  - o Removable mattress covering antistatic, impermeable, washable, material, Radio-
- translucent
- o EYE/ENT Surgery Attachments Included
  - o Trolley for Accessories Included
- Mattress covering in fire extinguish material, resistant to corrosion
- Stainless steel type 304 bowl attachable to the crotch section

F.73.09.17 TABLE - OPERATING - GENERAL SURGERY - ELECTRIC/HYDRAULIC

- Table top in 5 sections, with split leg support
- Base and column casings made of type 304 stainless steel and aluminium
- Height adjustment Electric/Hydraulic with a foot pedal
- Table top frame made of powder coated steel
- Top plate made of X-ray translucent high-pressure laminate
- Cushion made of antistatic cleanable PU
- Gas spring assisted and manual operated back, foot and head section adjustments
- Trendelenburg and anti-Trendelenburg +30° degrees and -30°, manually gas spring
- assisted
- Stainless steel side rail on both sides of the bed
- Maximum patient weight >170 kg
- Dimple for fluid drainage near crotch section of the bed
- The equipment allows a complete radiographic patient examination without changing patient position on the plane.
- Includes the following accessories:
- o Anaesthetic screen holder and support
  - o Arm support with cushion
  - o Sliding radiographic chassis and holder
  - o Radio-translucent hinged mattress



translucent

- o Removable mattress covering antistatic, impermeable, washable, material, Radio-

Mattress covering in fire extinguish material, resistant to corrosion

Stainless steel type 304 bowl attachable to the crotch section

F.73.60.70 TABLE - OPERATING - MINOR SURGERY - HYDRAULIC

Table top in 3 sections, with split leg support

Base and column casings made of type 304 stainless steel and aluminium

Height adjustment Hydraulic with a foot pedal

Table top frame made of powder coated steel

Top plate made of X-ray translucent high-pressure laminate

Cushion made of antistatic cleanable PU

Gas spring assisted and manual operated back, foot and head section adjustments

assisted

Trendelenburg and anti-Trendelenburg +30° degrees and -30°, manually gas spring

Stainless steel side rail on both sides of the bed

Maximum patient weight >170 kg

Dimple for fluid drainage near crotch section of the bed

The equipment allows a complete radiographic patient examination without changing patient position on the plane.

Includes the following accessories:

translucent

- o Anaesthetic screen holder and support
- o Arm support with cushion
- o Radio-translucent hinged mattress
- o Removable mattress covering antistatic, impermeable, washable, material, Radio-

Mattress covering in fire extinguish material, resistant to corrosion

Stainless steel type 304 bowl attachable to the crotch section



F.74.12.23 TABLE - OPERATING GENERAL SURGERY ELECTRIC/HYDRAULIC WITH MANUAL OVERRIDE  
- KIDNEY BRIDGE

Table top in 5 sections, with split leg support and Kidney Bridge

Base and column casings made of type 304 stainless steel and aluminium

Height adjustment Electric/Hydraulic with a foot pedal

Table top frame made of powder coated steel

Top plate made of X-ray translucent high-pressure laminate

Cushion made of antistatic cleanable PU

Gas spring assisted and manual operated back, foot and head section adjustments

Trendelenburg and anti-Trendelenburg +30° degrees and -30°, manually gas spring assisted

Stainless steel side rail on both sides of the bed

Maximum patient weight >170 kg

Dimple for fluid drainage near crotch section of the bed

The equipment allows a complete radiographic patient examination without changing patient position on the plane.

Includes the following accessories:

- o Anaesthetic screen holder and support
- o Arm support with cushion
- o Sliding radiographic chassis and holder
- o Radio-translucent hinged mattress
- o Removable mattress covering antistatic, impermeable, washable, material, Radio-

translucent

Mattress covering in fire extinguish material, resistant to corrosion

Stainless steel type 304 bowl attachable to the crotch section

F.84.73.38 POLE - IV ON CASTORS 4 HOOK STAINLESS STEEL

Stainless Steel Pole

Five Castors Base

4 Hooks





F.92.48.92 GYNAECOLOGICAL EXAMINATION CHAIR FIXED HEIGHT WITH LEGHOLDERS

Structure made of epoxy painted steel.

Adjustable backrest and anterior part.

Padding made of high density polyurethane foam, fireproof class 1 IM,

Covering made of washable, fireproof, plastic material (leatherette) fireproof class 1 IM.

Mattress overall dimensions: 181 x 60 cm.

Adjustable feet.

Complete with a pair of height adjustable, padded, anatomic leg holders,

Paper roll holder

Stainless steel basin – 32 cm.

G.174.12.68 DELIVERY SUCTION UNIT (VENTEUSE) WITH ACCESSORIES

Electric Suction pump with Regulation

Cup Sizes Set – All Sizes

G.20.51.53 LED VIDEO COLPOSCOPE - 3.75X/7X/15X > 28000 LUX - ON TROLLEY

Video Connection to Large Screen

On trolley

Triple Magnification

220V 50/60 Hz

GYM1 TREADMILL

large running track equipped with good shock absorption

straightforward and user-friendly console with TFT-LCD display

strong and silent 3HP AC motor with a maximum speed of 20 km/h

Up to 25 programs with 10 preset

contact heart rate and telemetric HR receiver built-in

GYM10 LAT PULL DOWN MACHINE

Thigh pads easily adjust to provide stability & comfort



Straight bar with angled ends ensures correct arm & wrist position through motion

Pipe Size: 100 X 50 X 2.5MM

Weight Stack :80 kg"

#### GYM11 DIPPING BAR

Can be adjusted to three height levels and six width levels

Weight-bearing capacity of 225Kg

It has double safety connectors that prevent slipping or wobbling movement of the bar during the workout

dip bars are 18 to 24 inches wide"

#### GYM2 ELLIPTICAL

2 pulley system

Minimum 2.7" (7cm) narrow pedal spacing

Minimum 6.7" (17cm) step-up height

Joint parts fitted with double commercial bearings

Rear-access rear stabilizer design for easy-to-step-on without slipping

Over-sized solid foot pedals for low impact workout

Steel-Made Short & Dual-Action Handlebar (with high density foam grips) for multi-holding positions for providing diverse total body workout"

#### GYM3 STATIONARY BIKE

comfortable and steady frame concept

seat adjustments horizontally and height

telemetric HR receiver built-in

#### GYM4 ABDOMINAL BENCH

with neck pad and adjustable foot blocks



padded top covered with washable vinyl

white epoxy steel frame

Approx.dimensions: 196 x 32 x 32 cm

#### GYM5 BENCH PRESS

Multi adjustable bench

Electrostatic powder coat finish

Durable high-density cushion covered in stitched vinyl

#### GYM6 PEC DECK MACHINE

Steel Cabling

High-End Commercial Grade, designed for heavy-duty use.

High-Quality Manufacturing, laser-cut, robot-welded.

High-Quality Upholstery and high-density foam

Made from 2mm Steel

Weight stack: 100kg (5kg increments)

Muscle trained: Pectoralis, anterior deltoid"

#### GYM7 LEG PRESS

Easy adjustable seat position, also for tall people

Big foot-plate with anti-slip surface

Easy adjustable foot-plate angle

#### GYM8 LEG MACHINE

Exerciser, Aerobic, Climbing, Stair/Stepper, Powered

Speed Range approx. From 20 to 180 steps per minute

Steel frame

Platform from Composite Material

LCD Display

Emergency Stop Button



GYM9 EXERCISE BIKE

fat

- comfortable and steady frame concept
- seat adjustments horizontally and height
- telemetric HR receiver built-in
- Various programs: manual - beginner - advance - sporty - heart rate - recovery - body
- Resistance Levels
- handlebar: multigrip, angle adjustable

K.108.57.63 EXAMINATION LIGHT – CSSD - MAGNIFYING - DESKTOP

- Table-top
- 220V 50/60Hz
- Articulated Arm

K.108.57.64 CEILING LIGHT - SURGICAL - LED - 100K LUX - SINGLE ARM

- LED Bulbs
- Ceiling mounted, swing arms
- Single Arm
- Light intensity continuous adjustment
- Colour temperature approx. 4.000 Kelvin
- Shadow less design
- Working distance range from approx. 700 - 1500 mm
- Focusable field approx. 150 - 240 mm
- With autoclavable handles
- Supplies infrared filtered light



K.146.55.48 LIGHT - CEILING MAJOR SURGERY 2 ARMS 300 KLUX

LED Bulbs

Ceiling mounted, swing arms

Two Cupolas

Light intensity continuous adjustment

Colour temperature approx. 4.000 Kelvin

Shadow less design

Working distance range from approx. 700 - 1500 mm

Focusable field approx. 150 - 300 mm

With autoclavable handles

Supplies infrared filtered light

K.151.27.52 ULTRA SLIM LIGHT BOX DOUBLE FILM

Radiography viewer for two images side-by-side

Acrylic frontal panel for illumination of the films

Film holder system

LED Illumination > 80,000 Hrs

Light source with not less than 5.000 Lux

Colour temperature not less than 5500 K

Brightness not less than 2000 cd/m<sup>2</sup> at the panel centre

Brightness uniformity not less than 90% for each viewing panel

Adjustable brightness control for each viewing area

Independent light on/off switch for each viewing panel

K.155.55.03 ULTRA SLIM LIGHT BOX 41X36 CM

Radiography viewer for Single Film

Acrylic frontal panel for illumination of the films

Film holder system

LED Illumination > 80,000 Hrs



Light source with not less than 5.000 Lux  
Colour temperature not less than 5500 K  
Brightness not less than 2000 cd/m<sup>2</sup> at the panel centre  
Brightness uniformity not less than 90%  
Adjustable brightness control

K.157.03.95      PHOTOTHERAPY UNIT ON CASTORS

Phototherapy lamp on mobile stand  
Infrared light for heat transfer to muscles  
Including spare light source  
Height adjustable, 1000 – 2000 mm  
Electric clock for measuring total operational time, and treatment time with zero reset  
Frame made of powder coated steel  
On 5 swivel castors of approx. 60 mm, two with brakes

K.204.19.24      HEAD LIGHT

Adjustable Head Straps  
Battery operated  
Rechargeable  
220V 50/60 Hz Charger Power Input  
Articulated Light Support

K.219.49.81      EXAMINATION HALOGEN LIGHT - ON CASTORS

Examination light with spring-arm  
Colour temperature approx. 4.000 K  
Light intensity approx. 5.000 Lux at 500 mm  
On Five Castors Trolley



- K.219.49.83      EXAMINATION LED LIGHT - WALL MOUNTED
- ONE HEAD LED LIGHT
  - Minmum 30,000 hrs Life
  - Color Temperature 4400 K
  - Illumination 40,000 Lux
  - illumination Field 180 mm
- M.101.45.86      SPO2 MONITOR HANDHELD WITH PEDIATRIC PROBE
- Digital Dsisplay – Clear Readout
  - Battery operated
  - Pediatric Probe
  - Rechargeable
- M.101.97.39      SAW - PLASTER – ELECTRIC
- Including anti-noise blades
  - With lockout system for blade changing
  - Electronic speed adjustable from <12000 to >21000 oscillations per second
  - Cable of <5 meters length
  - With double electrical insulation
  - Supplied with set of different shape type 304 stainless steel blades
- M.101.97.40      SAW - PLASTER – MANUAL
- Heavy duty cast cutter
  - Plaster-of-Paris shears, with spring action and fixation clip
  - Made of stainless steel
  - Length: approx 350 mm



M.101.97.41 DRILL - ELECTRICAL - SURGICAL - ORTHOPAEDIC - SET OF ATTACHMENTS - ASSORTED

- 1 x motor for large bone surgery
- 1 x motor fwd + rev
- Foot controlled with pedal
- 1 x Macro cable for large bone surgery
- 1 x Macro flexible cable, approx. 1.6 metre
- 1 x Drill hand piece fwd + rev
- 1 x Macro-line pistol drill

M.101.97.42 DRILL - ELECTRICAL - SURGICAL - CRANIAL PLASTY - WITH CRANIAL PERFORATOR

Complete Set including: One motor, one cranial drill, one cranial bur, two blade, one battery, one charger, one separate sterilize channel

Voltage: AC100~240V/50~60HZ

DRILL REV  $> 800$  r.m.p.

BUR REV  $\geq 40000$  r.m.p.

DRILL TORQUE  $\geq 7000$  gcm

BUR TORQUE  $\geq 100$  gcm

Highest Temperature  $\leq 25^{\circ}\text{C}$

NOISE (DRILL)  $\leq 70$  db

NOISE (BUR)  $\leq 73$  db

M.106.54.59 PENDANT - CEILING / 2 TV

Single Mount with Two Arms for Monitors

Head Rotation should be  $\geq 300$

Handle with Pneumatic Rating System

Electrical Outlets  $\geq 8$ , Vacuum outlets, x2, Medical Compressed Air x 2, AGSS

Medical Gas Piped

Height Adjustable





M.107.12.23 CRYOSURGERY UNIT - SET OF ACCESSORIES

Cryo therapy Device

Operated by medical carbon dioxide over 99%

Gas source pressure range within 5 Mpa up to 7 Mpa

Freezing temperature at least -65 degrees Celsius

Frozen and thaw speed of maximum 6 seconds

Including at least three Instruments for Gynaecological Procedures

Including digital temperature display

Including foot control switch

Including mobile trolley

M.107.12.24 CRYOSURGERY UNIT OPHTHALMOLOGY - SET OF ACCESSORIES

Cryo therapy Device

Operated by medical carbon dioxide over 99%

Gas source pressure range within 5 Mpa up to 7 Mpa

Freezing temperature at least -65 degrees Celsius

Frozen and thaw speed of maximum 6 seconds

Including at least three frozen pen to be used for cataract surgery, retinal surgery and glaucoma surgery

Including digital temperature display

Including foot control switch

Including mobile trolley

M.107.18.34 ELECTROSURGICAL UNIT 120 WATTS - WITH FUME EXTRACTION

Monopolar Cut/Coag

Bipolar Cut/Coag

Self-test feature

Blend cutting modes with pure cutting

Wide, Rapid and non-contact coagulation with spray coagulation mode



Safe Haemostasis by superficial and deep contact coagulation modes

Failure Record System

Controlled coagulation at bipolar mode

Compatibility with foot switch and manual use

Patient/Plate circuit monitoring

Input Voltage : 220-240 V AC / 50-60 Hz

Suitable to be Use In Laparoscopic and Open Surgeries

Activation by Manual or Foot Switch

M.107.31.46 PUMP - SUCTION ON TROLLEY TWIN CONTAINER 3L ELECTRIC

Suction pump with 2 containers of 3L

With reusable and autoclavable canister

Continuous regulation of pressure and flow rate via pedal and manual knob

Includes vacuum indicator and regulator

With autoclavable overflow valve

Maximum suction flow: at least 45 Ltr/min.

Maximum suction aspiration: at least 0.90 Bar

At least two autoclavable bacteriologic filters provided

Mobile on 4 castors, two of them lockable

Including Universal Power Supply with 1 hour backup capacity and voltage regulation of approx +/- 25 % from the normal voltage level

M.108.15.73 INSTRUMENT TRAYS FOR STERILE AND CLEAN MATERIALS

SS MATERIAL, VARIOUS SIZES

M.109.15.29 PATIENT WARMER

Electric Blanket

90cmx200cm

Flame Proof Material



Isolating Transformer

Power 220V 50/60Hz

M.111.30.57 ELECTROSURGICAL UNIT 200 WATTS - ENT

Monopolar Cut/Coag

Bipolar Cut/Coag

Self-test feature

Blend cutting modes with pure cutting

Wide, Rapid and non-contact coagulation with spray coagulation mode

Safe Haemostasis by superficial and deep contact coagulation modes

Failure Record System

Controlled coagulation at bipolar mode

Compatibility with foot switch and manual use

Patient/Plate circuit monitoring

Input Voltage : 220-240 V AC / 50-60 Hz

Suitable to be Use In Laparoscopic and Open Surgeries

Activation by Manual or Foot Switch

M.116.45.86 ELECTROSURGICAL UNIT 300 WATTS - SINGLE SURGEON

Monopolar Cut/Coag

Bipolar Cut/Coag

Self-test feature

Blend cutting modes with pure cutting

Wide, Rapid and non-contact coagulation with spray coagulation mode

Safe Haemostasis by superficial and deep contact coagulation modes

Failure Record System

Controlled coagulation at bipolar mode

Compatibility with foot switch and manual use

Patient/Plate circuit monitoring



Input Voltage : 220-240 V AC / 50-60 Hz

Suitable to be Use In Laparoscopic and Open Surgeries

Activation by Manual or Foot Switch

M.120.15.29 STORAGE UNIT - ORTHOPEDIC ATTACHMENTS - STAINLESS

Include with Operating TABLE Orthopaedic

M.120.33.63 MONITOR - PEDIATRIC ICU

Measures ECG signal, basic arrhythmia

Accuracy approx. 2%

Measures impedance respiration

Supplied with pulse oxymetry function (SpO<sub>2</sub>, pulse)

Measures blood pressure, non-invasive (NIBP)

Measures temperature range from approx. 25 – 45 °C. Accuracy approx. 0,2 °C

Integrated battery provides power for at least 3 hours independent operation

Colour TFT monitor, approx. 11"

Displays up to 4 waveform channels

24 hour graphical and tabular trends for all parameters

Display with battery power remaining indicator

Event recall: up to at least 10 events

Each monitor must be supplied with a trolley including mounting clamp and basket

Trolley with five arms, each with a castor of approx. 100 mm

Supplied with set of accessories for adults and children



- M.122.12.68 ELECTROSURGICAL UNIT 400 WATTS - DOUBLE SURGEON - VESSEL SEALING
- Monopolar Cut/Coag
  - Bipolar Cut/Coag
  - Self-test feature
  - Blend cutting modes with pure cutting
  - Wide, Rapid and non-contact coagulation with spray coagulation mode
  - Safe hemostasis by superficial and deep contact coagulation modes
  - Failure Record System
  - Controlled coagulation at bipolar mode
  - Compatibility with foot switch and manual use
  - Record system for monitoring failures of device functions or accessories with their codes,
  - Patient/Plate circuit monitoring
  - Vessel Sealing Function
  - Compatible with argon plasma coagulator
  - Include smoke evacuator
- M.122.31.02 LARYNGOSCOPE - MACINTOSH - CURVED - ALL SIZES BLADES
- Stainless steel, matt paint - antiglare
  - White, clear-cut, forceful illuminating LED
  - Cross-contamination prevention
  - Battery Handle – Rechargeable Optional
  - 4 Blades
  - Includes case for storage
- M.122.31.05 LARYNGOSCOPE - FIBRE OPTIC - PEDIATRIC BLADES
- Stainless steel, matt paint - antiglare
  - Proper LED illumination for easy intubation
  - LED illumination properties with High light transmission and excellent light efficiency



Interchangeable light guide

Easy sterilization

Fibreoptic illumination

ISO 7376 standard

Autoclavable (134°)

Pediatric Blades and Case Included

**M.122.31.07 LARYNGOSCOPE - MACINTOSH - STRAIGHT - INFANT BLADES**

Stainless steel, matt paint - antiglare

White, clear-cut, forceful illuminating LED

Cross-contamination prevention

Battery Handle – Rechargeable Optional

Infant Blades Set - Straight

Includes case for storage

**M.122.61.59 SPIROMETER - HAND HELD - WITH PC LINK - PC INCLUDED**

Power supply : Rechargeable battery and mains power

Temperature sensor : semiconductor (0 – 45 degrees)

Flow sensor : bi-directional digital turbine

Flow range :  $\pm 16$  L/s

Flow accuracy :  $\pm 5$  % or 200 mL/s

Connectivity : USB and RS232

PC WITH MONITOR INCLUDED

**M.123.57.64 INCUBATOR - TRANSPORT - ICU SERVICES - GAS CYLINDERS - BATTERY POWERED**

AC Power and DC Power Supply

DC 12V or DC 24V Power; AC 220V / 50-60Hz

Set temperature, air temperature, baby temperature and internal battery voltage can be displayed separately;



Failure alarm indication;  
Double wall Acrylic glass hood with side door  
Natural air flow humidity  
Height Adjustable  
With Oxygen cylinders On Trolley  
Observation lamp.

M.126.57.64 INCUBATOR - NICU - ELECTRONIC TEMP CONTROL - FIXED HEIGHT

Incubator single wall canopy  
2 swivelling doors with 2 portholes on front panel and 2 portholes on rear panel  
Baby tray with facility head up/down  
Air mode control range:  $< 28^{\circ}\text{C}$  to  $> 38^{\circ}\text{C}$ , with resolution below  $0,1^{\circ}\text{C}$   
Skin mode control range:  $< 34^{\circ}\text{C}$  to  $> 38^{\circ}\text{C}$ , with resolution below  $0,1^{\circ}\text{C}$   
Controller with LCD and brightness control  
1 reusable skin probe  
24 hour date trend of air temperature, skin temperature, relative humidity, and oxygen concentration and heater power  
Alarms for controller failure, sensor module out of position, high/low skin temperature, motor failure, sensor disconnected, heater failure and key stuck  
Fixed Height Trolley with Cabinet and Drawers  
Manual and servo-temperature control  
With servo-humidity, range of  $>45 - < 90\%$   
Two swivel drawers and one single drawer on the other side  
With IV pole mounting option  
Mattress made of flame retardant, washable antibacterial material, resistant to corrosion, water, detergents and alcohol  
Including mattress



M.126.57.65 CART - DIAPER CHANGING - WITH SHELVES - ATTACHED DISPOSAL BIN COVERED

Baby changing table

Tubular frame with 2 shelves: 115x60 cm.

Padded worktop in soft washable fireproof (Class 1 IM) simulated leather: 100x40 cm,  
lower shelf in laminated chipboard panel.

Diaper Disposal Bin Attached with Cover

M.126.92.17 LARYNGOSCOPE - FIBRE OPTIC - VIDEO - ALL SIZES BLADES

Battery Operated

With integrated Video monitor

With Blade (Universal Use)

2 MPixel Camera

3-4 Inch Screen

Desk Recharger – 220V – 50/60Hz

M.139.69.87 MONITOR - PATIENT - SURGICAL SUITE - ANAESTHETIC GASES MONITORING

19"color TFT display with optional touchscreen

Standard parameters include ECG, SpO<sub>2</sub>, NIBP, Temperature and Invasive Blood 2

Pressures

Anaesthetic Gases Monitoring

13 module slots for flexible configuration

RM, ICG, BISx/BISx4h, CCO, SvO

Maximum 8 channels for IBP measurement

Data storage capabilities including 120-hour graphic and tabular trends of all

parameters

48-hour full disclosure waveforms review

120 seconds frozen waveforms

1000 pieces of NIBP record storage

100 pieces of regular alarms review





100 pieces of ARR alarms storage  
Hard-wired or wireless network connectivity  
Private mode, night mode, CPB mode  
Transfer configuration through USB dongle  
HL7 Compatible

M.142.58.09 SPO2 MONITOR HANDHELD WITH NEONATAL PROBE

Small, light-weight pulse oximeters with high accuracy and reliable performances  
adjustable SpO2 and pulse alarm settings  
quick assessment of oxygen saturation and pulse rate  
hand-held unit, easy to operate  
With SpO2 and pulse rate display  
Neonatal Probe

M.142.58.42 INTRACRANIAL PRESSURE MONITOR

- The device pressure range should be between 0 to 100 mm Mercury
- Its accuracy should be  $\pm 2$  mm Mercury in the range of 0 to 20 mm Mercury; and
- In the pressure range of 20-100 mm, the maximum allowable error Hg should be 10%."

M.143.21.40 MONITOR - PATIENT - OPERATING THEATER - ANA GASES/FULL PARAMETERS

19"color TFT display with optional touchscreen  
Standard parameters include ECG, SpO, NIBP, Temperature and Invasive Blood 2 Pressures  
Anaesthetic Gases Monitoring  
13 module slots for flexible configuration  
RM, ICG, BISx/BISx4h, CCO, SvO  
Maximum 8 channels for IBP measurement  
Data storage capabilities including 120-hour graphic and tabular trends of all parameters



48-hour full disclosure waveforms review  
120 seconds frozen waveforms  
1000 pieces of NIBP record storage  
100 pieces of regular alarms review  
100 pieces of ARR alarms storage  
Hard-wired or wireless network connectivity  
Private mode, night mode, CPB mode  
Transfer configuration through USB dongle  
HL7 Compatible

M.144.51.53 CRANIOTOMY SAW- ELECTRICAL - HANDHELD

Handpiece for toothed blades of different sizes  
Speed variable from 0 to 18,000 oscillations per minute  
Continuously regulated according to the exerted pressure  
Corrosion resistant.  
Sterilizable.  
High performance blades.  
Must have a bone dust collector accessory  
High speed blades designed to cut only bone and not soft woven peripheral tissue.  
Electric saw for bones with an oscillating action.  
Set of serrated blades  
Two adjusting keys  
Replacement fixing bolt.  
Lubricating oil.  
Protective case.



M.147.03.95    MERCURIAL SPHYGMO - ON CASTORS

Sphygmomanometer with precision release valve and easy to read linear dial scale

Pressure range of at least 0-250 mmHG

Mobile Trolley with Basket

Latex Free Adult Cuff

M.147.03.96    MERCURIAL SPHYGMO - ON CASTORS - PEDIATRIC CUFF

Sphygmomanometer with precision release valve and easy to read linear dial scale

Pressure range of at least 0-250 mmHG

Mobile Trolley with Basket

Latex Free Child Cuff

M.149.51.97    ESOPHAGEAL DILATOR - ASSORTED SIZES - SET

M.150.03.50    ESOPHAGOSCOPE - RIGID AND FLEXIBLE - SET

M.150.88.22    SCRUB STATION - DOUBLE WIDTH - SENSOR OPERATED - SOAP DISPENSER KNEE  
OPERATED - SS

Type 304 stainless steel scrub sink basin

Drain opening with sink creased toward drain

Wall mounted

Including two taps

Including one soap dispenser in the middle

Including one paper hand towel dispenser in the middle

Taps and soap dispenser are operated with legs (knee/foot), or elbow

Water is internally heated by a boiler to 38 degrees Celsius

Dimension are approx. (LxWxH) 1800 x 500 x 900 mm



M.150.88.24 SCRUB STATION-TRIPLE WIDTH-SENSOR OPERATED-SOAP DISPENSER

Type 304 stainless steel scrub sink basin

Drain opening with sink creased toward drain

Wall mounted

Including three taps

Including two soap dispenser

Including two paper hand towel dispenser

Taps and soap dispenser are operated with legs (knee/foot), or elbow

Water is internally heated by a boiler to 38 degrees Celsius

Dimension are approx. (LxWxH) 2000 x 500 x 900 mm

M.151.70.32 INFRARED THERMOMETER

For ear and skin temperature measurements

With LCD display

Soft flexible tip

Infra-red technology

Range of measurements: from approx. 32 degrees C up to approx. 44 degrees C

Accuracy:  $\pm 0.1$  degree C

Acoustic signal tone indicating completion of measurement, when ready to read

Memory function for at least 8 readings

Automatic switch off

Automatic self-test

No mercury or latex components used

M.156.21.85 FRACTURE TABLE

Orthopedic Extension for Operating Table



M.158.95.22 PUMP - FLUSHING GASTROSCOPY/COLONOSCOPY

To be Included with Endoscopy Tower Article M.197.85.61

M.163.40.65 MICROSCOPE - OPERATING - NEUROSURGERY

Microscope with swiveling and tiltable suspension

Electromagnetic brakes

Motorized zoom 1:6 (1.6x to 16.8x) and motorized focus 200 mm to 450 mm

vertical axis rotation 336°, inclination -30° to +120°, tilt ±45°

Eyepieces 10x large field

Stereoscopic observer and TV attachment

Intensity Xenon illumination Adjustable via fiber cord

Material controlled by handles that allow easy and precise mobility

Column height adjustable electrically. Go approx. 1800 mm to 2500 mm.

M.163.57.64 TOWER - LAPAROSCOPY COMPLETE MONITOR/CAMERA/LIGHT  
SOURCE/INSUFFLATOR/PUMP/VIDEO PROC

Camera head:

1 to 3 digital head chips

Minimum resolution of 700 horizontal lines

Resistant and sterilizable

Programmable buttons for the following functions: white balance, take still pictures,  
video start and stop , brightness control

With optical zoom system

Video Processor :

- o Electronic magnification
- o Automatic brightness control
- o White balance
- o With different video output options
- o With freeze image mode



- o Storage capacity for removable media images

Light source:

- o Xenon lamp of approximately 300 W, colour temperature 6000 ° K minimum
- o Minimum 500 hours average lamp life with life indicator
- o Including spare lamp
- o Transillumination function
- o Control of light and brightness automatically and manually

With universal input

At least at three levels adjustable air pressure

Container includes air feeding and water

Monitor:

- o Monitor medical grade
- o System image colour enhancement
- o High definition LCD screen, 19-inch or larger
- o With a choice of video inputs and outputs

Including one foot support

Computer:

- o Digital image capture system on CD, DVD and USB
- o Capture images and video from at least 2 video inputs
- o Capture software deployment and image selection
- o With input from the patient, hospital , medical, performed procedure, equipment

used and report findings

- o Hard drive with a capacity of equal or more than 80 GB

Including photo quality inkjet printer

Including keyboard for patient data entry

DVD Recorder

Compatible with all types of endoscopes

DICOM 3.0 compatible



M.164.51.53 COLONOSCOPE

Angle of view: 140°

Focal range: 3 – 100 mm

Insertion tube: 13.2 mm diameter

Instrument channel: 3.8 mm diameter

Deflection up/down: 180/180

Deflection right/left: 160/160

Working length: 1.500 mm

M.164.51.54 COLONOSCOPE - Pediatric

Angle of view: 140°

Focal range: 3 – 100 mm

Insertion tube: 11.3 mm diameter

Instrument channel: 3.2 mm diameter

Deflection up/down: 180/180

Deflection right/left: 160/160

Working length: 1.300 mm

M.165.89.11 INCUBATOR - NICU TR AND REV TR AND VARIABLE HEIGHT ELECTRIC

Two control modes: Air mode and Baby mode controlled by micro-computer;

Set temperature, Air temperature, Baby temperature are displayed separately;

Humidity concentration system

Inclination of bassinet is adjustable

Trendelenburg and Rev Trendelenburg Functions

Multiple failure Alarm indications;

RS-232 connector for data output;

Oxygen supply system;

Fixed neonate Bilirubin Phototherapy LED lamp under the bassinet.

Low noise



Double-wall canopy

2 swivelling doors with 2 portholes on front panel and 2 portholes on rear panel

Baby tray with facility head up/down

Air mode control range:  $< 28^{\circ}\text{C}$  to  $> 38^{\circ}\text{C}$ , with resolution below  $0,1^{\circ}\text{C}$

Skin mode control range:  $< 34^{\circ}\text{C}$  to  $> 38^{\circ}\text{C}$ , with resolution below  $0,1^{\circ}\text{C}$

Controller with LCD and brightness control

1 reusable skin probe

24 hour date trend of air temperature, skin temperature, relative humidity, and oxygen concentration and heater power

Alarms for controller failure, sensor module out of position, high/low skin temperature, motor failure, sensor disconnected, heater failure and key stuck

Variable Height Trolley with Cabinet and Drawers

Manual and servo-temperature control

With servo-humidity, range of  $>45 - < 90\%$

Two swivel drawers and one single drawer on the other side

With IV pole mounting option

Mattress made of flame retardant, washable antibacterial material, resistant to corrosion, water, detergents and alcohol

Including mattress

#### M.166.52.42 VITALS MONITOR ON CASTORS - DETACHABLE

Measurements on adult and paediatric patients

ECG signal, basic arrhythmia

Respiration

Pulse Oxymetry function ( $\text{SpO}_2$ , pulse)

NIBP

Temperature Measurement:  $25 - 45^{\circ}\text{C}$ . Accuracy approx.  $0,2^{\circ}\text{C}$

Integrated battery provides power for at least 3 hours independent operation

Colour TFT monitor, approx. 8"

Displays up to 4 waveform channels





24 hour graphical and tabular trends for all parameters

Display with battery power remaining indicator

Event recall: up to at least 10 events

With trolley including mounting clamp and basket

Trolley on castors of approx. 100 mm Diam.

220V – 50/60Hz

M.167.25.35 TRANSPORT & EMERGENCY MONITOR

Measurements on adult and paediatric patients

ECG signal, basic arrhythmia

Respiration

Pulse Oxymetry function (SpO<sub>2</sub>, pulse)

NIBP

Temperature Measurement: 25 – 45 °C. Accuracy approx. 0,2 °C

Integrated battery provides power for at least 3 hours independent operation

Colour TFT monitor, approx. 8"

Displays up to 4 waveform channels

24 hour graphical and tabular trends for all parameters

Display with battery power remaining indicator

Event recall: up to at least 10 events

With trolley including mounting clamp and basket

Wi-fi Enabled

Bed Hook Support (Patient Side)

220V – 50/60Hz



M.168.31.46 PEAK FLOW METER

Power Supply Lithium coin CR2032 3V

(included, not changeable)

Display Liquid Crystal Display

Accuracy FEV1: +/- 3.5% PEF: +/-6%

(@25°C 1013 mbar 50% HR)

Measurement Range FEV1: 0.6–8.00 Litres

PEF: 60 L/min–850 L/min

Resolution FEV1: 0.05 Litre

PEF: 5 liters/min

Altitude Coefficient 0.62% per 100 meters

BTPS Coefficient 3%

Max. Resistance to Flow 3.3 Kpa @ 800 L/min

Zoning Green/Yellow threshold 80%

Yellow/Red threshold 60%

Memory FEV1: 240 PEF: 240

Operating Range +15°C to 35°C (recommended)

Storage -10°C to 50°C 15 to 95% RH

Manufacturing Standard ISO9001 EN 13485

Clear digital readability

Compact, ergonomic design

One button simple operation

Comes complete with meter, adapter, instructions and peak flow chart

Software downloadable with cradle for Windows XP and higher



M.168.61.15 ELECTROENCEPHALOGRAPH STATION - 32 CHANNEL TROLLEY MOUNTED - WITH ACCESSORIES

Integrated modular system for EEG, EMG and EP  
EEG monitor 32 independent channels  
EEG with capability of standard and sleep-EEG  
EEG with photo-stimulator  
EMG unit capable of measuring via skin electrodes and needle electrode  
EMP with 12 input channel amplifiers, approx 200 electrode connection points  
EP possibilities: VEP, BAEP, AEP, SSEP  
Auto-calibration function for EEG, EMG, EP  
Software analysis packages for all abovementioned procedures included  
Computer, screen, printer, keyboard, mouse and remote keypad included  
Unit is on a trolley with four castors, two of them lockable

M.169.66.82 GASTROSCOPE

Angle of view approx. 140°  
Focal range from approx. 5 – 100 mm  
Insertion tube approx. 9.8 mm diameter  
Instrument channel approx. 2.8 mm diameter  
Deflection up/down approx. 210/120  
Deflection right/left approx. 120/120  
Working length approx. 1.050 mm

M.169.66.83 GASTROSCOPE - Pediatric

Angle of view approx. 140°  
Focal range from approx. 5 – 100 mm  
Insertion tube approx. 5.9 mm diameter  
Instrument channel approx. 2 mm diameter  
Deflection up/down approx. 210/120



Deflection right/left approx. 120/120

Working length approx. 1.030 mm

M.174.73.38 EMERGENCY TROLLEY - CRASH CART

High impact plastic, with four castors.

Brake system in at least two of its wheels. With each wheel protectors for shock mitigation

With at least four compartments: two removable dividers made of resistant material to maintain the medicines, materials and equipment classified and in order. With a general safety mechanism lock, for all compartments

Table support for cardiac compressions. With surface or tray for the preparation of medicaments. With area to prepare drugs and parenteral solutions. External

Adjustable and resistant oxygen tank holder

Pole for IV

M.174.73.39 CART - EQUIPMENT

SS Material

Approximate 600 (L) x 500 (W) x 1000 (H) mm

M.176.27.96 DEFIBRILLATOR - MONITORED WITH PACER

Screen LCD high resolution 5.5 inches

Heart rate Monitoring

Electrocardiogram stroke with 6 selectable derivations

To discharge 2-230 joules in at least 14 steps

Visible and audible alarms: automatic and adjustable by the user, for any alterations in heart rate

Indicators: disconnection of the patient

Visual indicator of at least 3 battery loading modes and discharge mode

Two reusable paddles for adult convertible to paediatrics, with the following functions: external excitation, detection of cardiac electrical activity with indicator of the level of contact between the paddle and the patient



With electric shock mode selector: synchronous (or cardioversion) and asynchronous (or defibrillation)

With loading suspension system when not in use for a maximum of 60 seconds. With a maximum of 5 seconds for loading from 0 to 270 joules

Discharge test system with built-in equipment

Built-in external pacemaker

With pulse amplitude selectable in steps of 1 Ma within the range of 8 or less than 200  
Ma

Duration of pulse of 40 milliseconds or less

Pacemaker frequency adjustable in 14 steps, at least in the range of 40 to 180 pulses per  
minute

Activation modes: fixed (or asynchronous) and by demand (or synchronous)

Memory capability of 30 ECG tracings, with duration of at least 16 seconds each

Register of trends in the heart rate up to 24 hours

Manual and automatic ECG tracing graphic registration

Printing on thermal paper

Built-in rechargeable battery

to allow at least 30 defibrillations in full charge or 2 hours of continuous monitoring

With a maximum of battery charging time of 4 hours

5 point patient cable

Cable for pacemaker electrodes

Thermal printer

Power supply 220 Vac 50 hz

Protective sleeve

Case for transfer and protection of patient cables



M.176.79.49 DEFIBRILLATOR - NEONATAL PADDLES WITH MOINTORING AND PACE

See Article M.176.27.96

Add: Neonatal Paddles Detachable

M.177.03.50 TOWER - ARTHROSCOPY COMPLETE - VIDEO PROCESSOR AND INSTRUMENT SETS

Camera head:

1 to 3 digital head chips

Minimum resolution of 700 horizontal lines

Resistant and sterilizable

Programmable buttons for the following functions: white balance, take still pictures, video start and stop , brightness control

With optical zoom system

Video Processor :

- o Electronic magnification
- o Automatic brightness control
- o White balance
- o With different video output options
- o With freeze image mode
- o Storage capacity for removable media images

Light source:

- o Xenon lamp of approximately 300 W, colour temperature 6000 ° K minimum
- o Minimum 500 hours average lamp life with life indicator
- o Including spare lamp
- o Transillumination function
- o Control of light and brightness automatically and manually

With universal input

At least at three levels adjustable air pressure

Container includes air feeding and water

Monitor:



- o Monitor medical grade
- o System image colour enhancement
- o High definition LCD screen, 19-inch or larger
- o With a choice of video inputs and outputs

Including one foot support

Computer:

- o Digital image capture system on CD, DVD and USB
- o Capture images and video from at least 2 video inputs
- o Capture software deployment and image selection
- o With input from the patient, hospital , medical, performed procedure, equipment

used and report findings

- o Hard drive with a capacity of equal or more than 80 GB

Including photo quality inkjet printer

Including keyboard for patient data entry

DVD Recorder

Compatible with all types of endoscopes

DICOM 3.0 compatible

M.177.31.02 DEFIBRILLATOR - PEDIATRIC PADDLES WITH MONITORING AND PACE

See Article M.176.27.96

Add: Pediatric Paddles Detachable

M.177.82.55 DEFIBRILLATOR - UNMONITORED

Suitable for adult and children (reference norms ERC 2005 use of joule depending on kg).

Compact and easily transportable and immediately ready to use everywhere

Mode: Asynchronous, external defibrillator

Energy step: 20,50,100,160,250,360 Joule

Discharges: 45 shocks with 360 Joule, (10 reserve after signal "battery low")



Charging time:

2 sec up to 100 Joule

4.5 sec up to 360 Joule

Paddles for children integrated

Accumulator: 14.4V/1.4 Ah

Charging time: 3.5 hours

Safety: Internal discharge of energy after 15 sec.

Internal self-testing and fault recognition

Protection class II, type BF

Mains voltage: 200-240 V 50/60 Hz

M.177.82.56 DEFIBRILLATOR - UNMONITORED - PEDIATRIC PADDLES

Suitable for adult and children (reference norms ERC 2005 use of joule depending on kg).

Compact and easily transportable and immediately ready to use everywhere

Mode: Asynchronous, external defibrillator

Energy step: 20,50,100,160,250,360 Joule

Discharges: 45 shocks with 360 Joule, (10 reserve after signal "battery low")

Charging time:

2 sec up to 100 Joule

4.5 sec up to 360 Joule

Paddles for children integrated

Accumulator: 14.4V/1.4 Ah

Charging time: 3.5 hours

Safety: Internal discharge of energy after 15 sec.

Internal self-testing and fault recognition

Protection class II, type BF

Mains voltage: 200-240 V 50/60 Hz





M.179.58.54 MONITOR - PATIENT ICU - ECG/SPO2/NIBP/RESP/ETCO2/TEMP

Measures ECG signal, basic arrhythmia

Accuracy approx. 2%

Measures impedance respiration

Supplied with pulse oxymetry function (SpO2, pulse)

Measures blood pressure, non-invasive (NIBP)

Measures temperature range from approx. 25 – 45 °C. Accuracy approx. 0,2 °C

Integrated battery provides power for at least 3 hours independent operation

Colour TFT monitor, approx. 11"

Displays up to 4 waveform channels

24 hour graphical and tabular trends for all parameters

Display with battery power remaining indicator

Event recall: up to at least 10 events

Each monitor must be supplied with a trolley including mounting clamp and basket

Trolley with five arms, each with a castor of approx. 100 mm

Supplied with set of accessories for adults and children

M.180.64.65 GLUCOMETER - HAND HELD - QUICK TEST

Glucose monitor for daily diabetes testing

Accurate result in just 5 seconds

Only 0.5 µl sample size

Automatic calibration with code chip

Up to 300 records with time and date

Affordable for frequent monitoring



M.182.51.53 CABINET – ENDOSCOPES

Back wall with padded vinyl

Removable plastic drip tray

Channel drying via high grade medical air

HEPA filtered air for outside drying

Quiet, noise free ventilator

Electronic door lock with password protection

Endoscope and user ID tracking

Hinged doors with glass inserts

Adjustable heat thermostat

Variable 60-minute timer for automatic shut off or continuous run

Powder coated steel construction

Dimensions are approx. (LxWxH) 600 x 850 x 2000 mm

M.186.43.25 MONITOR - NEONATAL NICU

Measures ECG signal, basic arrhythmia

Measures impedance respiration

Supplied with pulse oxymetry function (SpO<sub>2</sub>, pulse)

Measures blood pressure, non-invasive (NIBP)

Measures temperature range from approx. 25 – 45 °C. Accuracy approx. 0,2 °C

Integrated battery provides power for at least 3 hours independent operation

Colour TFT monitor, approx. 11"

Displays up to 4 waveform channels

24 hour graphical and tabular trends for all parameters

Display with battery power remaining indicator

Event recall: up to at least 10 events

Each monitor must be supplied with a trolley including mounting clamp and basket

Trolley with five arms, each with a castor of approx. 100 mm



M.194.86.05 MONITOR - PATIENT - VITALS - MRI COMPATIBLE

MRI Compatible to the 400 Gauss Line

Measurements on adult and paediatric patients

ECG signal, basic arrhythmia

Respiration

Pulse Oxymetry function (SpO<sub>2</sub>, pulse)

NIBP

Temperature Measurement: 25 – 45 °C. Accuracy approx. 0,2 °C

Integrated battery provides power for at least 3 hours independent operation

Colour TFT monitor, approx. 8"

Displays up to 4 waveform channels

24 hour graphical and tabular trends for all parameters

Display with battery power remaining indicator

Event recall: up to at least 10 events

With trolley including mounting clamp and basket

Trolley on castors of approx. 100 mm Diam.

220V – 50/60Hz

M.195.22.29 ENTERAL FEEDING PUMP

Feeding pump for stationary use

Speed: 1-300 ml/hour

Volume: 5-2500 ml in steps of 5 ml

Battery operated

LED display

Alarm system for occlusion, end of dose and low battery



M.197.85.61 FLEXIBLE ENDOSCOPES TOWER WITH CAMERA AND LIGHT SOURCE (VIDEO)

Camera head:

1 to 3 digital head chips

Minimum resolution of 700 horizontal lines

Resistant and sterilizable

Programmable buttons for the following functions: white balance, take still pictures, video start and stop , brightness control

With optical zoom system

Video Processor :

Electronic magnification

Automatic brightness control

White balance

With different video output options

With freeze image mode

Storage capacity for removable media images

Light source:

Xenon lamp of approximately 300 W, colour temperature 6000 ° K minimum

Minimum 500 hours average lamp life with life indicator

Including spare lamp

Transillumination function

Control of light and brightness automatically and manually

With universal input

At least at three levels adjustable air pressure

Container includes air feeding and water

Monitor:

Monitor medical grade

System image colour enhancement

High definition LCD screen, 19-inch or larger

With a choice of video inputs and outputs



Including one foot support

Computer:

Digital image capture system on CD, DVD and USB

Capture images and video from at least 2 video inputs

Capture software deployment and image selection

With input from the patient, hospital, medical, performed procedure, equipment used and report findings

Hard drive with a capacity of equal or more than 80 GB

Including photo quality inkjet printer

Including keyboard for patient data entry

DVD Recorder

Compatible with all types of Flexible endoscopes

M.197.85.62 LAPAROSCOPY SET

3 Shaft Full HD Rigid Laparoscope - 5 mm Diameter, 300 mm Length, 0°

3 Shaft Full HD Rigid Laparoscope - 5 mm Diameter, 300 mm Length, 30°

3 Shaft Full HD Rigid Laparoscope - 10 mm Diameter, 339 mm Length, 0°

3 Shaft Full HD Rigid Laparoscope - 10 mm Diameter, 341 mm Length, 30°

3 Shaft Full HD Rigid Laparoscope - 10 mm Diameter, 341 mm Length, 45°

3 Shaft Full HD Rigid Laparoscope - 10 mm Diameter, 425 mm Length, 45°

Supplied with needed instruments for the Laparoscopic procedure

SS Containers

M.197.85.63 PAEDIATRIC LAPAROSCOPIC INSTRUMENT

Pediatric Laparoscope, 30 deg, Diameter 2.9mm, Length 200mm

Supplied with needed instruments for the Laparoscopic procedure

SS Containers



M.197.85.64 CYSTOSCOPE SET AND ACCESSORIES

TELESCOPE 0° Diameter 2.7 MM Length 302 MM

TELESCOPE 30° Diameter 2.7 MM Length 302 MM

TELESCOPE 0° Diameter 2.9 MM Length 302 MM

TELESCOPE 30° Diameter 2.9 MM Length 302 MM

TELESCOPE 0° Diameter 4.0 MM Length 302 MM

TELESCOPE 30° Diameter 4.0 MM Length 302 MM

Supplied with needed instruments for the Cystoscopy procedure

SS Containers

M.197.85.65 URETEROSCOPY AND LASER LITHOTRIPSY

Urethroscopy

- Fiberoptic Ureteroscope
- 3.1mm Diameter
- 1.2mm Channel,
- 100° Angle of View,
- 70cm Working Length,
- Minimum Angulation 130°/130° Up/Down
- Including storage container and all necessary accessories

Lithotripsy

- laser lithotripsy for dusting kidney stones
- Holmium-YAG laser
- Adjustable Power
- Air cooling system
- Supplied with a footswitch and full accessories.

M.197.85.66 RESECTOSCOPE - TURP

OUTER SHEATH RESECTOSCOPE 24FR

INTERNAL SHEATH RESECTOSCOPE 22FR

VIEWING OBTURATOR RESECTOSCOPE 22FR

Supplied with needed instruments for the Resectoscopy procedure

SS Containers



M.197.85.67 PAEDIATRIC URETHROCYSTOSCOPY

Full HD Pediatric Rigid Cystoscope - 2.7 mm Diameter, 187.5 mm Length, 0

Full HD Pediatric Rigid Cystoscope - 2.7 mm Diameter, 187.5 mm Length, 30

Supplied with needed instruments for the Cystoscopy procedure

SS Containers

M.197.85.68 NEPHROSCOPE - PCNL

Channel

45° Full HD Rigid Nephroscope - 7.45 mm Diameter, 200 mm Length, 5 mm Instrument

Channel

45° Full HD Rigid Nephroscope - 7.45 mm Diameter, 250 mm Length, 5 mm Instrument

Supplied with needed instruments for the Cystoscopy procedure

SS Containers

M.20.21.40 SHARPS COLLECTOR - 7L CLEAR SIGNS

Quadrangle shape

Leak proof and puncture resistant

Wide and clear opening for easy disposal

Ergonomically-designed handle

Temporary closure & definite closure

Practical rotating/sliding temporary lid

Secure perimeter lock for safe usage and transportation

Easy manipulation

Comprehensive label details

Safe to human health and environment

M.208.16.18 FLUID WARMER

Keeps blood and fluids warm, between 37 - 42°C, delivering warm fluids to the patient  
at flow rates up to 5000 ml/hr



- M.208.16.19      HYPO HYPERTHERMIA UNIT
- programmable body temperature regulation
  - Provide stable patient temperature
  - can be utilized in both the cooling and heating mode
  - Fluid Temperature Range approx. 4°C - 42°C
  - Patient Temperature Range approx 30°C - 40°C
  - Reservoir capacity Approx. 10 liters
- M.35.51.53      DIGITAL SCALE ADULT/PEDIATRIC
- 200kg Capacity Digital Scale
  - Large LED display and keypad for easy reading and operation
  - TARE, BMI, HOLD, and other functions for versatile use
  - Battery operated with power adapter
  - Antitip column
  - Slip-resistant base
- M.36.54.59      INFANT WEIGHING SCALE - ELECTRONIC
- Ergonomic digital scale for infants
  - Capacity up to 50 kg
  - Graduation 5 grams
  - Powered by batteries or mains adapter
  - Ergonomic shape with high sides for fall protection
  - Including height rod





M.44.57.64      DIAGNOSTIC STATION - WALL MOUNTED - OPHTHALMOSCOPE - OTOSCOPE - NIBP –  
THERMOMETER

Wall mounted

DC Supply

With Following Attachments:

Ophthalmoscope Head:

Form of lighting: large spot, small spot, slit, web, red releases

Di-Opter compensation

Source of mini-halogen lighting

Two mini-halogen spares

Otoscope head:

Chrome plated Otoscope head with removable 4 x magnifying lens

At least 2.5V Xenon or Halogen light source.

Autoclavable polypropylene ear specula in 2.5 mm, 3.5 mm and 4.5 mm

Nasal speculum adaptor with manual screw opening for instrument connection to the  
Otoscope head

NIBP Aneroid:

Large Display (Analogue)

Thermometer:

Ear/Infrared

With Disposable Covers Holder

M.52.18.34      SPHYGMOMANOMETER - ANEROID ON CASTORS      High quality ABS housing with  
an integrated fastening spigot for individual variable swivelling

Big cuff basket in white powder coated sheet steel

Bulb holder and spiral tubing with bulb and air release valve

Height with basket: 260 mm

Width with basket: 180 mm

Depth with basket: 120 mm

Graduation: 0-300 mmHg  $\pm$  3 mmHg



Weight with basket: 1350 g  
Height of trolley: 830-1360 mm (réglables)  
Tubing system Ø: 18-25 mm  
Swivel range: up to 60 deg°

M.64.27.52 GONIOMETER SET

Manufactured in high resistance transparent polymer  
Measures in centimetres and degrees, according to ISOM  
2 rulers for the measurement of amplitude of the joints  
Conveyor system from 0° to 360° with graduation of 1° and 2°

M.68.33.63 LENS - GONIOSCOPY

Contact Diameter: 8.4mm  
Field Of View: 4 x 64 Deg  
No Flange  
1.0x Image Magnification  
1.0x Laser Spot  
G-4 Lens  
Large Ring  
Reuseable

M.70.36.69 ORCHIDOMETER - WOOD

Used by pediatricians for screening of children's testicles.  
A string of 12 numbered wooden beads of increasing size from about 1 to 25 mm used to determine size of testicles.

M.72.51.53 CENTRAL STATION - ICU TO BE CONNECTED TO ALL INTENSIVE CARE MONITORS

Supplier Configuration Based on Monitors and telemetry Equipment



M.73.51.53 BLOOD PRESSURE HOLTER MONITOR

24-hour blood pressure monitoring

systolic and diastolic blood pressure, pulse, morning surge, night time dipping, mean arterial blood pressure, hypertension load, hypertensive time index, white-coat hypertension.

3-channel Holter ECG monitoring

Automatic, full disclosure ECG annotation, time and frequency-domain HRV, QT, ST PQ analysis, arrhythmia analysis, pacemaker detection, ECG event and QRS detection with 99.9% accuracy.

Actigraphy (2-axis motion graph)

storage capacity: up to 51 hours of Holter ECG & 600 BP measurements

actigraphy: 2-axis, +2g, 10 Hz sampling, sensitivity 0,01g

Memory: SD card

weight (excl. battery): 250 g

BP measurement method: Oscillometric

measurement range BP: 30 - 260 mmHg / pulse: 40 - 200 bpm

passive accuracy: + 3 mmHg or 2% of the measured value

operating button: 2 pushbuttons

sampling, A/D resolution: 600 Hz, 12 bit

storage quality: 150 or 300 Hz

communication: USB interface

M.74.06.11 TREADMILL ELEVATING WITH PC CONTROL

Treadmill, for Stress Test System – Connectable and Controllable from ECG Unit

Control panel with colour display, with at least continuous and interval programmes

Indicator for power output, slope, speed and time

Slope adjustable, 0 to 20 degrees

Automatic or manual speed adjustment, 0 to 25 km/hr

Fixed side bars

Automatic emergency stop system



M.78.03.06 RADIANT WARMER – SIMPLE

Micro-Processor controlled

Pre-warm mode, manual mode and baby mode

Set temperature Display

Skin temperature Display

Mattress tray tilt mechanism (up to 13°) to both sides

Inclination of the bassinet can be adjusted,

Removable Side walls, height 200 mm

Multiple failure alarm indications;

X-ray cassette under the bassinet;

APGAR timer;

Vertical Height Adjustment

Utility Drawer

M.78.85.16 MONITOR - FOETAL TWIN CAPABILITY

Intrapartum and antepartum CTG

Maternal measurement: heart rate, blood pressure, contractions (TOCO)

Foetal measurement: heart rate (external), foetal movement

Capable of monitoring twins

Interface displays all measured parameters

Clear distinction between mother and child, using colour coding and/or text

Colour display minimum size 10"

Memory provides backup of the complete measurement for reviewing

Battery provides approx. 2 hours of continues operation

Including all sensors and sensor cables

Complete with trolley, accessories and start up kit consumables

Trolley mounted on four casters of approx. 100 mm



M.82.51.53 DOPPLER - VASCULAR - ABI CAPABILITY - HAND HELD - WITH PRINTER

Applications: peripheral

Ergonomics: portable

Options and accessories: with sphygmomanometer, ABI

Digital Doppler

Medical Grade Recharging Kit

Widebeam 8MHz Doppler Probe

Doppler Probe

Trigger Operated Sphygmomanometer

Arm/Ankle Cuffs (Standard and Large: Latex Free)

Educational CD

Large Carry Bag

PRINTER Link Capability (including Printer)

M.84.94.78 STETHOSCOPE - NURSE - ADULT

Chest piece with bell and diaphragm

Stereo tubes

Minimal 2 sizes ear pieces included

M.84.94.80 STETHOSCOPE - NURSE - PEDIATRIC

Chest piece with bell and diaphragm (pediatric)

Stereo tubes

Minimal 2 sizes ear pieces included

M.85.97.83 STETHOSCOPE – SURGEON

Chest piece with bell and diaphragm

Stereo tubes

Minimal 2 sizes ear pieces included



- M.85.97.84      REGULATOR - SUCTION
- High Continuous Suction
  - Wall Mounted
  - Vacuum Gauge 0 – 200 mm Hg with Regulation +/- 10%
  - Including Autoclavable Bottle 2 liters
- M.86.57.64      PUMP - SUCTION ON TROLLEY - TWIN CONTAINER 1L
- Suction pump with 2 jars of approx. 1 litres
  - Maximum suction flow approx. 30 litres / min
  - Continuous functioning
  - Maximum suction aspiration approx. - 0.90 Bar
  - Includes vacuum indicator and regulator
  - On 4 antistatic castors of approx. 60 mm
  - With reusable and autoclavable canister
  - With sterilizable overflow valve
- M.88.51.53      AUTO SYRINGE PUMP
- With a numeric keypad to quickly record the parameters
  - Simple keypad entry
  - Automatic and manual mode of the bolus
  - Patient safety enhanced by anti-bolus and anti-siphon functions
  - Accepting all syringe regular brands from 10 ml to 100 ml
  - Nurse call function
  - Type of display: 16 characters x 2 lines LCD
  - Range of flow rate: 0.1 ml / 1500 ml / h
  - Volume Limit: 0.1 to 999 ml or unlimited
  - Total volume: 0.1 - 9999.9 ml
  - Compatible syringes, ml: 10, 20, 30, 50/60 and 100 ml of regular brands
  - Occlusion pressure: 120 kPa, 80 kPa, 40 kPa



Alarms: Without supply network; low battery; very low battery; occlusion; pre-alarm x min .; KOR (KVO); end of infusion; empty syringe; internal error

Adjusting alarm volume

Operating conditions: +5 to + 40 ° C Storage conditions: -20 to + 40 ° C

Power supply: 220 VAC +/- 10%, 50 Hz, or internal rechargeable battery

Battery life: 8 hours (min.)

12VDC external supply

M.89.51.53 INFUSION PUMP VOLUMETRIC

Infusion pump, volume range: 1 to 9999 ml and 0.1 to 999.9

Flow range: 1 to 1000 ml/h and 0.1 to 100 ml/h

Measurement error is < +/- 5%

Memory: at least 750 last dated events

Three adjustable pressure alarm limits

Keep vein open maximum flow rate value in the range >1 - < 5 ml/h

RS 232 interface

Built-in battery and battery charger

Alarms: air detection, check of line, detection of occlusions, end of line, keyboard

lock and check of infusion and device, low battery

With IV Pole Attachment (Not including Pole)

IPX4 splash waterproof equipment

Including start-up kit of disposables; at least 1 package of 50 pieces

M.90.54.59 INFUSION PUMP VOLUMETRIC ON CASTORS

Infusion pump, volume range: 1 to 9999 ml and 0.1 to 999.9

Flow range: 1 to 1000 ml/h and 0.1 to 100 ml/h

Measurement error is < +/- 5%

Memory: at least 750 last dated events

Three adjustable pressure alarm limits



Keep vein open maximum flow rate value in the range  $>1 - < 5$  ml/h

Built-in battery and battery charger

Alarms: air detection, check of line, detection of occlusions, end of line, keyboard

lock and check of infusion and device, low battery

Supplied with rolling stand with infusion pole, 5 legs

IPX4 splash waterproof equipment

Including start-up kit of disposables; at least 1 package of 50 pieces

M.92.42.80 12 CHANNEL ECG WITH MONITOR AND INTERPRETATION (STRESS TEST)

Portable unit

ECG device with 12 channels

Auto detection of connection

With LCD display of minimal 11" screen

Alpha numerical keyboard

Individually replaceable lead wires

Assisted application of leads, signal quality indicator

Integrated patient data storage and filing method can be transferred to a PC

Supplied complete with accessories: patient cable, mains cable, electrodes and alligator clips leads ( $> 2$  m), power cords ( $> 2$  m), battery, printing paper

Printer built-in, A4 paper, including selection options of leads

Interface for ECG analyzer and assisted detection of arrhythmic disturbances

Automated detection and alert of immediate required medical attention

Rechargeable batteries with automatic switch from line to battery operating mode and vice-versa

Continuous monitoring working time in battery operating mode not less than 1 hour

Integrated batteries and charger

100% high capacity batteries with re-charging time not greater than 6 hours

Automatic equipment calibration





Equipment compatible with patients with pacemakers

Protection against defibrillation

Input impedance not less than  $5M\Omega$

Patient leakage current no higher than  $10\mu A$

Common Mode Rejection (CMR) not less than +100dB

At least the following adjustable alarms: Heart failure, Ventricular fibrillation, Tachycardia, Brady cardiac, electrode disconnection, low battery

6 x suction ball-type reusable chest electrodes 6 x extremity clamp reusable electrodes  
2 x bottle of gel for body-connection electrodes 2 x box of ECG recording paper 1 x neonatal ECG-accessories (Chest and/or extremities electrodes and ultra soft gel) 1 x rest ECG patient cable with at least 5 terminals

Tabletop made of high pressure laminate (HPL)

With push handle and bumpers

Trolley on four swivel castors of approx. 100 mm, two of them lockable

M.93.45.86 ECG HOLTER MONITOR

Number of channels: 3-channel

12-bit resolution system

Seven days of ECG readouts without stopping

Data Stored on removable Compact Flash cards

Three electrodes and three channels

Waterproof

M.94.48.92 ECG - 3 CHANNEL - ON TROLLEY

Portable unit

On trolley

ECG device with 3 channels

Auto detection of connection

Thermal Printer

Alpha numerical keyboard



Individually replaceable lead wires

Assisted application of leads, signal quality indicator

Integrated patient data storage and filing method can be transferred to a PC

Supplied complete with accessories: patient cable, mains cable, electrodes and alligator clips leads (> 2 m), power cords (> 2 m), battery, printing paper

M.95.00.45 ECG - 12 CHANNEL - ON TROLLEY

Portable unit

ECG device with 12 channels

Auto detection of connection

With LCD display of minimal 11" screen

Alpha numerical keyboard

Individually replaceable lead wires

Assisted application of leads, signal quality indicator

Integrated patient data storage and filing method can be transferred to a PC

Supplied complete with accessories: patient cable, mains cable, electrodes and alligator clips leads (> 2 m), power cords (> 2 m), battery, printing paper

Printer built-in, A4 paper, including selection options of leads

Interface for ECG analyzer and assisted detection of arrhythmic disturbances

Automated detection and alert of immediate required medical attention

Rechargeable batteries with automatic switch from line to battery operating mode and vice-versa

Continuous monitoring working time in battery operating mode not less than 1 hour

Integrated batteries and charger

100% high capacity batteries with re-charging time not greater than 6 hours

Automatic equipment calibration

Equipment compatible with patients with pacemakers

Protection against defibrillation

Input impedance not less than 5MΩ

Patient leakage current no higher than 10uA



Common Mode Rejection (CMR) not less than +100dB

At least the following adjustable alarms: Heart failure, Ventricular fibrillation, Tachycardia, Brady cardiac, electrode disconnection, low battery

6 x suction ball-type reusable chest electrodes 6 x extremity clamp reusable electrodes  
2 x bottle of gel for body-connection electrodes 2 x box of ECG recording paper 1 x neonatal ECG-  
accessories (Chest and/or extremities electrodes and ultra soft gel) 1 x rest ECG patient cable with at  
least 5 terminals

Tabletop made of high pressure laminate (HPL)

With push handle and bumpers

Trolley on four swivel castors of approx. 100 mm, two of them lockable

M.97.06.11 PENDANT - OPERATING THEATER SERVICES - SHELVES AND SUPPORTS

Ceiling supply unit for surgical applications with the following features:

Weight capacity approx. 200 kg

Including one arm with a minimum of 500 mm

Air brake in arm with cushioned stop, avoiding displacement or involuntary movements

Adjustable with one hand

Angle of rotation of at least 330 °

Arm is covered with powder coated steel

Using the coupling system for trays (including at least two trays with load capacity of 50 kg)

Including at least four power connexions

RJ45 data connexions

MON.006 PHLEBOTOMY CHAIR

Epoxy powder coated steel frame Construction

with Leg section, Back section movement

Foot rest Spring loaded & Self-adjustable

Anti Static Wheels



- MTC.009      INSTRUMENT CLEANER
- Bench Top, Ultrasonic
- Capacity Approx. 30 liters
- Tank and Lid Construction XX
- Microprocessor Control
- Digital Display
- including Wire Mesh SS Basket
- 
- MTC.012      SEALING MACHINE
- Bench Top with LCD/LED Display
- Temperature ranges approx. 80 - 220 °C
- Sealing line width approx. 12mm
- Sealing flow rate approx. 5-13 m / min
- Including Printer
- USB interface
- 
- N.101.46.31      HEATER - BABY MILK BOTTLES - 6 HOLDERS
- Capacity 6 bottle of 50 ml
- Should have protection for over heating
- 
- N.80.61.15      DVD RECORDER
- Full HD 1920 x 1080 video recording
- 3.5 inch LCD monitor for live view and playback
- Built in hard drive for simultaneous recording to USB
- DVD Recording Capability (WR DVD)
- Network capable
- Automatically detects connections and video resolution



Recordable devices - USB Flash Drive, USB Hard Drive, Internal Hard Drive (500GB)

Display - 3.5 inch LCD

Power Supply - AC 100V - 240V 50/60Hz

Operating Temperature - 41 to 104 deg F (5 to 40 deg C)

Operating Humidity - 5 to 80% (No condensation)

Image Format - Jpeg

Video Format - MPEG-4 AVC/H.264

Video Input - SDI, DVI, S-Video, Composite (BNC)

Video Output - SDI, DVI, S-Video, Composite (BNC), SD/HD-SDI

Audio Input - SDI, Stereo mini jack

Audio Output - SDI, Stereo mini jack

Other Interfaces - RJ-45, USB 2.0 Type A, USB 2.0 Type B, Stereo mini jack

N.85.03.95 GAS CYLINDER - O<sub>2</sub> - ON TROLLEY

Trolley with push handles

Single Bottle Holder

2 Castors

Upright

With Straps for Cylinder

Including Cylinder for Oxygen

Including Pressure Regulator on Trolley

Easy Fix Connection

N.86.07.01 GAS CYLINDERS TROLLEY - OXYGEN/N<sub>2</sub>O

Trolley with push handles

2-Bottle Holder

2 Castors

Upright



O.122.42.80 PROJECTOR - VISUAL ACUITY

Technology: remote-controlled

Bright Clear Chart Display

Programmable display sequence

Quick chart selection

Chart change time :0.014 s

Auto OFF

Multiple User programs

Masks: Single, horizontal, vertical,

Red/green

Polarising Projection range: 2.9 to 6.1 m

Projection Magnification: 30x (at 5 m)

Lamp: 3 W LED (373 to 801 nm)

Background luminance: 200 cd/m<sup>2</sup> at 5 m (adjustable)

Projection tilt: Approx  $\pm 10^\circ$

230 V 50 Hz

O.136.51.53 TRIAL LENSE FRAME WITH SET OF LENSES

254 optical elements

Universal test spectacle frame

ruler for eyeglass frames selection

mirror ophthalmoscope

Carrying Case



O.160.63.76    OPHTHALMOLOGY CHAIR - COMPLETE (RETINOSCOPE - SLIT LAMP - TONOMETER)

Including, vision test chart, swing table and chair

Measurement of spherical and cylindrical features

Cross cylinder configuration

The lenses of the cylindrical axis and cross cylinder can engage with five types of crossed  
cylinders

(3) auxiliary lenses to allow all types of measurements

Convergence system

Measurement of:

Sphere

Cylinder

Axis

Prism

Measuring increases in:

Sphere

Cylinder

Axis

Prism

Foropter parts:

Pupillary distance scale

Command of the strong sphere

Command of the auxiliary lenses

Corneal alignment device

Control of the cylinder axis

Command of the cylinder power

Diopetry measurement

Cross cylinder

Wheel of the weak sphere

Lever of convergence



PD adjustment

Convergence adjustment

Head support adjustment

Vision test chart

Vision test screen for testing of the divergence of the eye

Eleven rows of letters, with an equal number of letters in the row as the row number

Green and red line, at line 6 and 8

Wall mountable and adjustable mirror is included for reflection in smaller rooms

Chair

Comfortable chair for the patient

Adjustable back rest from 5 to 45 degrees

Adjustable seat height from 400 - 600 mm

Including neck support

Including arm rests

Swing table

Small table for Refractometer

Table can carry up to 25 kg

Table can swing from the side of the chair in front of the chair - 270 degrees

Table is height adjustable from 1000 - 1600 mm

SLIT LAMP:

Construction to mount slit lamp under 30 to 70 degrees

Ocular for both eyes, with magnifications of 10x and 16x

Brightness adjustment of light source possible

Slit can be tilted and diaphragm

Including APS sensor size adapter for digital cameras

TONOMETER:

Tonometer prism, Goldmann standard

0 – 80 mm Hg measurement range

Divergence of 1,5% in measurement accuracy





Unit can be mounted onto a slit lamp

Analogue measurement system

O.162.76.43      OPHTHALMOSCOPE - INDIRECT

Type of instrument: indirect ophthalmoscope

Ergonomics: headband

Advanced optical design.

Super-light one piece design.

Adjustable height and width.

Equipped with +20D aspheric lens

Rechargeable Batteries

Desktop Power Supply

O.166.34.52      RETINAL CAMERA / OCT OPHTHALMOSCOPE / EYE F-ANGIO / TABLETOP

Type of instrument: retinal camera, OCT ophthalmoscope

Ergonomics: table

OCT for general screening

OCT phase fundus for fundus surface imaging

Wide area scan (9 x 9 mm)

High-speed scan (Max. 53,000 A-scans / s)

Multifunctional follow-up

Customised report

O.172.73.82      MAGNIFYING LOUPE - BINOCULAR

On Frames

Working Distance 420 mm 420 mm

Depth of View 90 mm 75 mm

Field of View 75 mm 60 mm



O.196.40.64      SCREENER - VISUAL FIELD COMPUTER BASED

Visual field screening from loss glaucoma, macular degeneration and other vision problems

Dynamic eye position inspection

Environmental illumination inspection

Blind spot method

Eye tracking method

Available tests: Estimative test, Qualitative test, Auto/fast/full threshold and

Esterman test

Stimulus points: 144 (0-60°) (default), 72 (0-30°) (central), 72(60-90°) (Peripheral), 61 (0-10° red), 114(Blind spot)

Ophthalmology

Stimulus source: Light emitting diode, wave length from approx. 580 - 650 nm

Stimulus duration: Adjustable 0.2 to 2 seconds

Stimulus colour: yellow, red

Test lens diameter approx. 35 mm

O.198.06.56      LENSOMETER – TABLETOP

Normal spectacle lenses and contact lenses

UV Transparency Measurement

Automated Detection of Progressive Lenses (far, mid, near)

Prismatic Lens Measurement and Resultant Prism Calculation

Large Background Illuminated Colour Touch Screen

Extended Measurement Range -80 to +80 Dioptres

Refractive Index Calculation



- O.204.21.85    OPTHALMOSCOPE – DIRECT
- Hand-Held
  - 3.5 V Coaxial
  - 2 Filters
  - six apertures for micro, small, and large sizes of spots, target fixation, aperture slits, and filters red free.
  - 28 focusing lenses for a range of -25 to + 40
- O.206.46.75    RETINOSCOPE
- Multi-coated optics
  - A single control sleeve for vergence and rotation & comfortable operation
  - Dustproof, maintenance free
  - Metal handle-for long lasting operation
  - Superior streak quality
  - Useable with Patients with small pupils
  - Powerful bulb ensuring easy recognition of neutralization
  - Divergent beam
- O.209.21.85    OPTHALMOSCOPE - FUNDOSCOPE
- Hand-Held
  - 3.5 V Coaxial
  - 2 Filters
  - Fundus Visualization
- O.217.82.55    AUTO REFRACTOMETER/KERATOMETER
- Refraction:
  - Measurement range S - 18 D to + 23 D, C 0 to – 12 D, 0 to + 12 D Axis: 1° to 180°
  - Increments Auto / 0.25 D selectable Axis: 1°
  - Keratometry:



Measurement range radius curvature: 5 to 11 mm (in 0.01 mm increments)

Corneal astigmatism: in 0.25 D increments Axis: 1° to 180° (in 1° increments)

Measurement area centre: Ø 3.2 mm (R 8 mm) Peripheral: 25° tangential  
(vertical/horizontal)

General:

Measurement area 2.5 mm

Measurement time RK: 0.25 sec. per indication R: 0.12 sec. per indication (0.07 sec. in  
quick mode)

Pupil observation retro mode

Reaching distance of approx. 280 mm

Working distance approx. 50 mm from cover glass

#### O.224.13.12 PHACO EMULSIFIER UNIT

Phacoemulsification system

System for emulsification, separation and removal of cataracts

Unit console mounted on mobile trolley, dimensions H X W X D 160x60x76 cm

IV pole with bottle hanger mounted on console

Flat screen, active matrix colour LCD with touch screen

Instrument tray mounted on swivel arm on console

Two (2) drawers incorporated in console

Unit fully programmable by means of front panel control

Complete with 3 hand pieces

Footswitch for controlling irrigation flow, phaco power, aspiration rate, vitrectomy cut  
rate and coagulation power.

Complete with start up set consumables and disposables to operate the unit for approx.  
50 procedures



P.100.09.17 PRESSOTHERAPY UNIT

PROFESSIONAL SYSTEM with 2 legs, 1 arm (6 chambers) and cable

Can operate with 8 compression modes

Every chamber can have a different pressure or can work only with 1 selected chamber

Graphic LCD display

Inflation and interval time control by two separate keys.

Pressure sensor

Digital timer (10, 20, 30, 40 min)

Digital pressure gauge (10~240 mmHg)

Pressure sensor - Use time: 0~90 minutes - Hold time: 0~6 seconds

Interval time: 0~19 seconds

P.104.72.93 VACCUM THERAPY

Photo-stimulation laser, electro-stimulator, vacuum therapy unit

Ergonomics:

trolley-mounted

Type of electrical stimulation:

EMS

Number of channels:

2-channel

P.110.91.27 INFRARED RADIANT

Console with Electro-Light as well as Settings for Frequency and Time.

Infrared (880 nm) and Red (625 nm)

Applicators with thermal settings of 340 mW power.

Electrodes that are dual sided (5 packs of 2" by 2" in a square).

Cut off switch for the patient.



P.111.42.80      MAGNETOTHERAPY

Type: magnetic therapy unit

Ergonomics: transportable

Type of electrical stimulation: EMS

Number of channels: 1-channel

multiple frequency settings

Treats multiple areas

Portable

Hand-held controller

Power 230V/50Hz.

Coil: 492mm (19 3/8") x 108mm (4 1/4")

P.121.60.70      PULLEY SYSTEM

Body workout from seated or standing position

Adjustable column pulley with bilateral double handles

Weight can be increased in 1 kg increments

Height adjustable support bar and lat pull bar

Free standing and mobile

Frame of powder coated steel

Including 30 x 1 kg weights

Dimensions are approx. (LxWxD) 400 x 800 x 2300 mm

P.125.21.40      PARALLEL BARS

Height adjustable by telescopes up to approx. 1300 mm Length approx. 4 meters

Approx. 40 mm diameter hard wood handrails

2 Anti-slip treads on each end

Increments and locks into 10 height positions

Distance between handrails approx. 1000 mm

Powder coated steel uprights and fittings



- P.131.39.75      EXERCISE MIRROR
- Wall Mounted
- For patient exercises and rehabilitation (brain stimulation)
- 5 mm thick glass
- Can be taken of the wall easily by use of bracket system
- Dimensions are approx. (LxWxH) 1200 x 400 x 25 mm
- 
- P.136.03.50      CONTINUOUS PASSIVE MOTION UPPER LIMBS
- Fully adjustable ergonomic chair that promotes shoulder stabilization
- Seat height: 48cm
- Brushless DC motor
- Pendant control with chip card technology to store and assign patient information
- 
- P.136.55.03      QUADRICEP EXERCISER
- Hardwood table with laminated top, fitted with 6 pulleys in a steel frame
- Leather loops and nylon cord passing through the pulleys with hanging weight
- Five sets of weights, each set consists of 5 weights of One each of 100, 200, 300, 400 and 500 grams.
- 
- P.139.64.20      SHOULDER WHEEL
- Powder coated construction
- Wall mounted
- Friction adjustable
- Height adjustable
- Dimensions are approx. (LxWxH) 900 x 450 x 450 mm



P.148.40.19 CONTINUOUS PASSIVE MOTION LOWER LIMBS

Scope of Indications/Applications:

Cruciate ligament ruptures

Corrective osteotomies

Knee and hip prostheses

Reconstructive operations on the menisci and joint cartilage

Following hip/knee arthroscopy in combination with synovectomy

Retropatellar damage

P.158.73.38 HYDROCOLLECTOR - COLD COMPRESS

Hydrocollector cool packs with the following characteristics:

Indoor cooling coil to cool faster

opened Compressor of robust construction for rapid cooling, even when the lid is frequently

Closed cell foam insulation to save energy

Stainless steel construction

Drain valve for easy cleaning

Temperature range: -12 ° C to -6 °

Accuracy: + / - 10%

Approximate dimensions: 85 x 55 x 40 cm

Including 6 standard size ColdPacs

P.162.85.61 HYDROCOLLECTOR - HOT COMPRESS

Hot Compresses Hidrocolector with the following characteristics:

Hidrocolector tank in stainless steel easy to maintain and use

Thermostatic controlled temperature

Including 4 standard hot packs 25 x 30 cm





P.166.43.69      ERGOMETER

Used for sports medicine, cardiology and rehabilitation

Steel / aluminium construction for patient weights up to 150 kg

Control panel with colour display, with at least continuous and interval programmes

Indicator for power output, time, resistance, speed and time

Standardized saddle fixation

Steer with horizontal and vertical bars to support cycling while on the saddle

P.98.03.06      TENS MACHINE

Four channel electrical stimulation

Resistance approx. 1000 ohm

Stimulation range between approx. 0 – 100 mA

Pre programmed positions

At least 10 Personal program memory places

At least the following stimulation forms: Conventional, Burst, Modulated frequency/pulse duration, Mixed frequency, Alternated modulated frequency, Intermittent

Max. Pulse 400  $\mu$ s

Max. Frequency 120 Hz

LCD display

Including set of different patient electrodes and cables

Including rechargeable battery, charger and case

S.185.61.15      WASHER - DISINFECTOR - AUTOMATIC CYCLES - PASS THROUGH

Suitable for cleaning and thermal disinfection of medical instruments and glassware

Built-in water softener

Forced filtered air-drying system

Inside wall surface, washing arms and filters made of type 304 stainless steel

Microprocessor controlled

Minimum three different programs including thermal disinfection at 93 °C



	Digital display indicates program selected, temperature and faults
	Including hinged door with tempered glass
	Automatic door locking during washing cycles
	Built-in steam condenser
	Possible to use with different sizes of trays or baskets
baskets	Complete delivered with set of, made of type 304 stainless steel, standard trays and
	With integrated detergent and chemical dosing pump
	Including visual alarm for empty detergent and chemicals
	Indicators for end of programme and programme status
	Indicator for remaining cycle time
	Total cycle time is < 60 minutes
	Chamber capacity of approx. 250 litres
	Manufactured of type 304 stainless steel with double wall
S.187.67.26	ENDOSCOPE WASHER - DISINFECTOR
	Equipment for washing and disinfecting flexible endoscopes of one door.
	Thermo-mechanical operation with addition of detergents and disinfectants.
	Compatible with a wide range of endoscopes.
	Treatment programs that meet all international regulations for endoscopes.
	Validation protocols.
monitoring.	Minimum cycles required: Leak Test, Washing, Rinse, disinfection with channel
	Special programs for special needs eg thermal disinfection, etc.
	Short cycles, without compromise of disinfection protocols.
	Variable leakage tests
	With drying cycle.
	Self-cleaning / disinfection function.
	Full Traceability



Filtered water for final rinse.  
Ability to disinfect 2 endoscopes.  
Set of detergent and disinfectant.  
Easy-to-see and easy-to-use control display  
Printed report

S.216.03.95 THERMOWELDER - HEAT SEALING - MANUAL

Heat impulse sealer, manually operated  
Sealing length > 300 mm  
Possibility of processing packaging from the roll  
Integrated cutting device  
Made of type 304 stainless steel  
Suitable to seal diverse packaging materials, among others:  
polypropylene,  
polyethylene  
Tyvek pouches  
laminated pouches  
paper pouches and other coated materials

S.96.33.63 AUTOCLAVE - 250 L - DOUBLE DOOR - WITH LOADING AND UNLOADING TROLLEYS

Pass through steam sterilizer with the following characteristics:  
Chamber:  
Chamber volume 250 litres  
Sterilisation module capacity: 4 STU or more  
Chamber made of type 304 stainless steel  
Doors:  
Double automatic sliding door system  
Doors made of type 304 stainless steel  
Control system:



Micro-processor controlled

Touch screen with a size of > 5,5"

TFT screen or better

Interfaces for data transmission to PC; RS232 / USB / flash card / RJ45

Integrated or external printer for paper registration of cycle parameters and cycle validation procedures

Indication and management of alarms and errors

Including alarms for power failure, low water, door open, pressure and temperature range, sterilization cycle failure, end of cycle

Real time process viewing

Standard with multiple cycle options and full temperature range

Including with built in overheat protection

Steam supply:

Internal steam generator

Steam generator

Supplied with:

Set of 2, type 304 stainless steel loading baskets (wired mesh) with adjustable shelves

Set of lifting hooks and lifting arm

Including water distiller with a capacity of >3 l/hr, and a reservoir of >10 litre

Type 304 stainless steel steam-conducting pipes and fittings

All needed lintels, covers and panels for wall finishing

One maintenance door

Two sets of spare parts with common valves and seals etc.

Installation sets for all connections

Exterior:

Exterior made of type 304 stainless steel

S.96.33.64.8 EXTERNAL LOADING/UNLOADING TROLLEY

To match item S.96.33.63



S.96.33.64 AUTOCLAVE - 500 L - DOUBLE DOOR - WITH LOADING AND UNLOADING TROLLEYS

Pass through steam sterilizer with the following characteristics:

Chamber:

Chamber volume 500 liters

Sterilization module capacity: 8 STU or more

Chamber made of type 304 stainless steel

Doors:

Double automatic sliding door system

Doors made of type 304 stainless steel

Control system:

Micro-processor controlled

Touch screen with a size of > 5,5"

TFT screen or better

Interfaces for data transmission to PC; RS232 / USB / flash card / RJ45

Integrated or external printer for paper registration of cycle parameters and cycle validation procedures

Indication and management of alarms and errors

Including alarms for power failure, low water, door open, pressure and temperature range, sterilization cycle failure, end of cycle

Real time process viewing

Standard with multiple cycle options and full temperature range

Including with built in overheat protection

Steam supply:

Internal steam generator

Steam generator

Supplied with:

Set of 2, type 304 stainless steel loading baskets (wired mesh) with adjustable shelves

Set of lifting hooks and lifting arm

Including water distiller with a capacity of >3 l/hr, and a reservoir of >10 litre



Type 304 stainless steel steam-conducting pipes and fittings

All needed lintels, covers and panels for wall finishing

One maintenance door

Two sets of spare parts with common valves and seals etc.

Installation sets for all connections

Exterior:

Exterior made of type 304 stainless steel

S.96.85.16 AUTOCLAVE - DENTAL INSTRUMENTS 24L

24 Liter chamber volume

High Speed Class B autoclave

Built-in steam generator

316L stainless steel chamber

Thermal printer

S.96.85.16.1 EXTERNAL PRINTER

To match item S.96.85.16

S.97.36.69 AUTOCLAVE - FAST CYCLE - 30L - HORIZONTAL - TABLE TOP

30 Liter chamber volume

High Speed Class B autoclave

Built-in steam generator

316L stainless steel chamber

Thermal printer



S.98.66.82 CLEANER - ULTRASONIC - >30L

Ultrasound floor type ultrasonic cleaner for washing surgical instruments

External frame and tank made of type 304 stainless steel

Tank capacity of approximately 30L

Microprocessor Controlled

Digital timer

With time and temperature regulating system

Including:

Tank drain system

set of baskets for instruments

non-perforated tray adaptable to the baskets

stainless steel lid

S.99.18.34 SPRAY GUN – AIR

Spray gun for use with water for the process of cleaning the material before central sterilization.

To be connected to the line.

Made of steel and plastic parts.

Manual activation.

S.99.18.35 WASHER - BEDPAN/URINAL - FLOOR TYPE

Floor standing unit

Including automatic programs after door closure

With a minimum of 3 wash programs

Microprocessor control

Digital display cycle information

Automatic detergent dosing

Temperature range from approx. 45 up to 90 degrees

Visible and audible alarms to the wash cycle, failures in water supply



Locking system during cycle

Environmentally friendly - low consumption of water and energy, recyclable material.

Wide range of holders available for different receptacles.

Exterior and interior made of stainless steel

S.99.18.37 TROLLEY - SOILED LINEN - EPOXY COATED - WITH COVER

Frame that supports two hanging canvas bags

Including two canvas bags

Around rubber bumper bar

With push/pull handle

Trolley on four swivel castors of approx. 100 mm, two of them lockable

Trolley frame made of powder coated steel

Dimensions are approx. (LxWxH) 1000 x 650 x 1200 mm

S.99.18.40 RECORD HOLDERS TROLLEY - 2 LARGE DRAWERS - ABS

Trolley for elaboration and transport of patient information

With push handle and bumpers

Section and top made of high pressure laminate (HPL)

Shelves with simple assembly

Top suitable for table use

Trolley frame made of powder coated steel

Trolley on four swivel castors of approx. 100 mm, two of them lockable

Dimensions are approx. (LxWxH) 1000 x 600 x 900 mm

TPHY PHYSIO TABLE

Structure made of chrome plated steel round tube or hard wood

Padding and coverage made of washable plastic material

Table Legs Mounted on four legs protected by rubber ends





U.134.27.96 COMPUTER-BASED URODYNAMIC SYSTEM ON CASTORS

Laptop computer for urodynamic, water cystometry, uroflowmetry and pressure flow studies and electromyography, with the following characteristics:

Computer microprocessor with color display and wireless technology

Memory block capable of storing at least 50 studies

Automatically providing the following information:

Waiting time

Time for urination

Flow Time

Maximum Flow

Peak flow

Medium flow

Collected volume

Uroflowmeter with a flow rate of 0-50 ml/s, and automatic measurement of peak flow and volume range 0-1000 ml

With auto-registration and auto-zero

Cystometer with a flow range of 5-140 ml/min with filling volume of 0-1000 ml and software calibration

Transducer calibration by software or by an automatic process

Ability to measure the pressure of the urethra

Including an electromyography amplifier

Display of information on screen and in print

Including computer system and software

Information printed on thermal paper

10-bit processor to provide high resolution samples.

Print resolution: 203 dp

Thermal paper: 60mm to 25mm

Print speed: 150 mm / s

Including transducers, sensors and the necessary accessories for the operation of equipment at 100% of its medical possibilities.



20 thermic paper rolls.

Power supply 220 Vac 50/60 Hz

Cover and protective case

U.134.79.49 URODYNAMIC CHAIR

Electric / height-adjustable / 2-section

Seat height 650mm

Height adjustment 650-850 mm (measured at the seat front edge), electric

Pelvic tilt adjustment 650-1160mm, electric

Width 580mm

Length 1150mm

Max. load 200kg

Frame lacquered or stainless steel

U.63.18.79 DIALYSIS MACHINE

Renal replacement therapy through an extracorporeal system for patients with chronic or acute renal failure, ensuring adequate dialysis to recover efficiency and improving the quality of life of patients.

Profiles: sodium bicarbonate ultra-filtration capable of simultaneous or independent variation

Proportioning machine that allows to program different combinations of dialysate (1 + 34 or 1 + 44 and others)

Modular designs accepting technological improvements

External filter for dialysis liquid

Dimensioning ultrafiltration with automatic control of the transmembrane pressure (TMP)

Isolated ultrafiltration, sequential and automatic

Volumetric system for mixing hemodialysis solution

Coded system in acetate or liquid bicarbonate and / or powder with acetate or bicarbonate variations, respectively.



Dialysate flow range of 300 to 800 ml / minute

Heparin pump for continuous scheduled infusion, adaptable to 20, 30 and 50 ml syringes.

The blood pump should be adaptable to any type of arterio-venous line.

Suitable for use of any type of dialyzers (high or low flow)

Detector for fiber rupture in the dialyzer and / or blood in the dialysate.

Air bubble sensors with ultrasonic sensor

Temperature control with alarms

System to take profiteered dialysate sample

Visualization and friendly or simple handling of procedure parameters

Scheduled automatic disinfection, types: chemical and thermal disinfection.

Without intervention of the operator

Washing and disinfection programs with automatic timer. Without intervention of the operator

(BPM) non-invasive automatic blood pressure monitor

Easy visualization of the type of treatment through a system of flow charts

System mixing volumetric with permanent monitoring of conductivity

Volumetric control of ultra-permanent filtration through a unit of electromagnetic measurement, before and after the filter

Flow of dialysate liquid: 0 - 500 ml. / min or flow may

Blood leak detector via a sensor

Auto automatic check-up before each procedure

Self-primer extra corporeal system

Interactive alphanumeric display for warning and error messages.

Limits for automatic alarms

Easy entry of UF parameters

Variation of temperature, sodium and bicarbonate via keyboard Display.

220 V / 50-60Hz



U.63.18.79.1 DIALYSIS MACHINE - ICU

continuous renal replacement therapy (CRRT) for a 24-hour period for:

- Metabolic control
- Fluid removal
- Acid/base control
- Electrolyte balance
- System delivers all therapy modalities of CRRT and therapeutic plasma exchange (TPE) without additional equipment, including:
  - CVVHDF – Continuous Veno-Venous Hemodiafiltration
  - CVVHD – Continuous Veno-Venous Hemodialysis
  - CVVH – Continuous Veno-Venous Hemofiltration
  - SCUF – Slow Continuous Ultrafiltration
  - TPE – Therapeutic Plasma Exchange
- Monitors return line pressure.
- Adds post-filter replacement solution to the return line.
- Includes a fluid barrier that protects the return pressure sensor from accidental blood entry