MATERIALS REQUEST DETAILS

BEDSIDE MACHINES

INTENSIVE CARE BEDS

- Electric bed,
- Rechargeable battery
- 4 twin wheels, antistatic and lockable
- positions: trendelenburg, anti-trendelenburg, cardiology chair,
- electrically and mechanically achievement of PCR emergency position
- variable height, between about 40 and 80 cm at least
- extendable length
- removable headboard and footboard without sharp edges
- integrated bathroom scale
- safe working load over 220 kg
- the whole structure must have smooth, easily sanitized and resistant to corrosive agents
- Large radiolucent area for RX exams
- control panel and keyboard easily sanitized and impact resistant
- safety and alarm devices
- oxygen cylinder housing
- Support for urine bag and drainage
- Anti-decubitus mattress
- preferably compliant with the Italian medical devices legislation in force in Italy applied to medical devices.
- Supply: 220 V, 50 Hz

SYRINGE PUMPS

- Programmable drug protocols
- Dose calculation based on dosages, patient weight and time
- Bolus function
- It may works with different types and brands of syringes
- 12 V low voltage power supply with external transformer
- Rechargeable battery with an autonomy of approximately 8h at 25 ml/h
- electronic state of charge and cycler (automatic)
- Large and bright display for easy reading of all parameters and any alarms
- Alarms
- Stackable
- Rack
- preferably compliant with the Italian medical devices legislation in force in Italy applied to medical devices.
- Supply: 220 V, 50 Hz
- IEC 60601-1 class;
- protected against dripping IP 22

MONITOR

- Minimun size 12"
- Required signals: ECG 3/5 leads, SpO2, EtCo2 mainstream, minimum 2 Invasive pressures, NIBP;
- Visual and audible alarms,
- complete with all the necessary cables and sensors,
- preferably compliant with the Italian medical devices legislation in force in Italy applied to medical devices.
- Supply: 220 V, 50 Hz

PULMONARY VENTILATOR

- High performance Intensive Care pulmonary ventilator for ventilation on adults and children in invasive and non-invasive mode
- Types of ventilation required: IPPV, assisted IPPV, BIPAP and BI VENT, Autoflow or Automode, IRV (inverted ratio ventilation), PCV-MMV ASB or PA CPAP,
- Apnea ventilation on all respiratory methods.
- Non-invasive ventilation with loss compensation
- parameters required: Expiratory minute volume, Spontaneous minute volume, Expirated tidal volume, Peak pressure, Plateau pressure, Average pressure, Minimum pressure, Fraction inspired by 02, EtCO2, Compliance, Resistance, Autopeep, Total respiratory rate, spontaneous respiratory rate.
- Flow trigger on all ventilations.
- Functions required: inspiratory pause block (e.g. for expanding radiographs); expiratory pause block (e.g. for reading max. depression); bronchoscopy
- screen for viewing pressure, volume flow curves and capnogram
- A series of operator help messages IS also required on display data setting.
- Screen of at least 10 "and capable of displaying the type of ventilation in use
- For patient safety, different levels of alarm must be present, both optically that acoustic (adjustable in intensity).
- Alarms required for the following parameters: Minute volume exp./FiO2/Network/Gas supply / pressure min. and max of the airways; patient disconnection
- Additional expiratory circuit in addition to the one supplied to avoid technical shutdown the ventilator (for patient change or accidental breakage)
- Loops and trends recording
- RS 232 connection
- Humidifier
- tube holding arm
- dedicated trolley
- internal or added medication nebulizer
- supply: 220V, 50 Hz

INFUSION PUMPS

Technical features

- Volumetric or peristaltic operation
- Infusing from bag, bottle
- program for succession drug infusion
- Availability of a wide range of special infusion sets (for blood, for photosensitive drugs, for oncological drugs, with / without injection point)
- wide setting range (from 1 to 999 ml / h)
- Total infusion volume settable between 1 9999 ml
- Large and bright display for easy reading of all parameters and any alarms
- Accuracy ± 5%
- Alarms for Occlusion, End of infusion, Low battery, Air on line
- Rechargeable battery (autonomy for at least 3 h with an infusion rate of 125 ml / h)
- preferably compliant with the Italian medical devices legislation in force in Italy applied to medical devices.
- Supply: 220 V, 50 Hz
- IEC 60601-1 class;

Infusion sets for volumetric infusion characteristics

- EVA or PVC latex free material
- Distal luer lock fitting
- Transparent, non-rigid drip chamber
- Length ≥ 2 meters
- anti-free-flow device