

VENTILATOR

S #	Description
	VENTILATOR MULTIMODE:-
1.	Sole Agent certificate
2.	03 years warranty with parts
3.	Original Technical data sheet
4.	Description of Function
5.	ICU ventilators provide artificial respiratory support to the critical patients in the Intensive Care Units.
6.	Operational Requirements.
7.	Microprocessor Controlled ventilator with integrated facility for Ventilation monitoring suitable for pediatric to adult ventilation.
8.	Technical Specifications
9.	Imported hinged arm holder for holding the circuit
10.	Colored TFT screen, 15 Inch or more built in not accepted as slave monitor
11.	Facility to measure and display a) 3 waves- Pressure and Time, Volume and Time and Flow and Time. c) 3 loops- P-V, F-V, P-F d) Status indicator for Ventilator mode, Battery life, patient data, alarm settings, clock etc
12.	Trending facility for 24 hours.
13.	Automatic compliance & Leakage compensation for circuit and ET tube
14.	Following settings for age groups. (peads to Adult) a) Tidal Volume – 50 to 1200 mL b) Pressure (insp)-80-100 cm H2O c) Pressure Ramp d) Respiratory Rate- upto 100 breaths per minute e) SIMV Respiratory Rate- upto 40 Breaths per minute f) CPAP/PEEP- PEEP 0-40/50 cm H2O g) Pressure support h) FIO2 21%- 100% i) Pressure & Flow Trigger- Pressure trigger 0-20 cm H2O below PEEP; Trigger Flow 0-100% j) Inspiratory rise time -0-20% of breath cycle time k) I:E Ratio- 1:10 to 4:1 l) Flow patterns – Square, Ramp, Sinus
15.	Monitoring of the following parameters
16.	Modes of ventilation a) Volume controlled b) Pressure Controlled c) Pressure Support d) SIMV (Pressure Control and volume control) with pressure support e) CPAP/PEEP

	f) BIPAP g) Non Invasive ventilation h) Proportional assist ventilation/ Adaptive support ventilation j) Airway pressure release ventilation k) Pressure regulated volume control l) Volume support ventilation
17.	Apnea /backup ventilation
18.	Pressure Nebulizer built in.
19.	Built in end tidal CO2 module with the ability to modify ventilation parameters based on the value
20.	Battery back up for minimum 1 hour or better
21.	Professional quality test lung incorporating lung resistance etc.
22.	Power Supply
23.	Power input to be 220-240VAC,50Hz.
24.	Manufacturer should have ISO certification for quality standards and CE certification of the product quoted

MOBILE X-RAY MACHINE

Sr #	Description
1.	Sole Agent certificate
2.	03 years warranty
3.	Technical data sheet (original brochure both technical and sales)
4.	Technical specification
5.	-Main mobile cart with telescopic tube support column
6.	System should of following approximate specification
a.	- High frequency Inverter and high voltage generator
b.	- inverter frequency: 40kHz or higher
c.	- Tube voltage range: 40-125kV
d.	- Maximum tube current: 160mA or greater
e.	- mAs range: 0.32-200mAs
f.	- Power output: 20 kw or better
g.	- Anatomical programs: 10 Types
h.	- Column rotation range: +/- 270deg
i.	- Arm horizontal travel: 1000mm
j.	- Tube rotation around support arm: +- 180deg
k.	- Tube rotation around tube axis: Forward +90deg and backward 20deg or more
l.	- Rotary anode type
m.	- Anode heat capacity: 140kHU or more
n.	- Focal spot: 0.7mm or better
o.	- Target Angle 16 deg or better
p.	- Target material: Rhenium tungsten or better material
q.	- manual Collimator rotatable with light
7.	- Cassette Compartment

8.	Power supply
9.	Power input to be 220-240VAC, 50Hz with appropriate fitted special imported plug dedicated to the unit.
10.	Standards ,safety and training
11.	Electrical safety conforms to standards for electrical safety IEC-60601
12.	Manufacturer should have ISO certification for quality standards and CE certification of the product quoted.

MOBILE DIGITAL X-RAY MACHINE WITH WIRELESS FPD 14X17

Sr #	Description
1.	Sole Agent certificate
2.	03 years warranty
3.	Technical data sheet (original brochure both technical and sales)
4.	Technical specification
5.	-Main mobile cart with telescopic tube support column
6.	System should of following approximate specification
a.	- High frequency Inverter and high voltage generator
b.	- inverter frequency: 40kHz or higher
c.	- Tube voltage range: 40-125kV
d.	- Maximum tube current: 200mA or greater
e.	- mAs range: 0.32-200mAs
f.	- Power output: 20 kw or better
g.	- Anatomical programs: 10 Types
h.	- Column rotation range: +/- 270deg
i.	- Arm horizontal travel: 1000mm
j.	- Tube rotation around support arm: +- 180deg
k.	- Tube rotation around tube axis: Forward +90deg and backward 20deg or more
l.	- Rotary anode type
m.	- Anode heat capacity: 140kHU or more
n.	- Focal spot: 0.7mm or better
o.	- Target Angle 16 deg or better
p.	- Target material: Rhenium tungsten or better material
q.	- manual Collimator rotatable with light
7.	- Cassette Compartment
8.	Power supply
9.	Power input to be 220-240VAC, 50Hz with appropriate fitted special imported plug dedicated to the unit.
10.	Standards ,safety and training
11.	Electrical safety conforms to standards for electrical safety IEC-60601
12.	Manufacturer should have ISO certification for quality standards and CE certification of the product quoted.

SYRINGE PUMP,

Sr.#	Description
1.	Sole Agent certificate
2.	O3 years warranty
3.	Technical data sheet (original brochure both technical and sales)
4.	Purpose of Equipment : For giving Infusion through syringe.
5.	Technical specification
6.	to accept any brand of syringes 10 to 50/60ml
7.	Infusion Rate: 0.1 – 1100ml/hr
8.	Infusion Volume: 0.1 – 999.9ml/1000 – 9999ml
9.	Infusion Time: 1min – 99hr 59min
10.	Manual or Automatic Bolus Function
11.	Bolus Rate: 0.1 – 1,100ml/hr
12.	Bolus Volume: 0.1 – 50ml
13.	Accuracy: $\pm 1\%$
14.	KVO Rate: 0.1 – 50ml/hr
15.	Automatic Pressure Release after occlusion (KVO)
16.	Data lock for safety/Key pad lock
17.	Power supply: 220-230V $\pm 10\%$ 50/60Hz AC, battery backup 5 HOURS
18.	Audible and Visible Alarms:
19.	IV Pole with fixation clamps
20.	Power supply
21.	Power input to be 220-240VAC, 50Hz,/440 V with special imported plug dedicated to the unit.
22.	Standards
23.	Electrical safety conforms to standards for electrical safety IEC-60601
24.	Manufacturer should have ISO certification for quality standards and CE certification of the product quoted