ANAESTHESIA WORKSTATION

Description :

PERSEO Anaesthesia workstation

On four antistatic wheels, two of which with brakes.

Complete with:

- 1 Work shelf
- 1 Large drawer unit
- 2 Shelves
- 2 Vertical supports for 10,7 Lt. Cylinders
- 1 stainless steel supporting arm with two articulations (06750/SB)

- 1 AM 5000 Anaesthesia module at 3 gases (O2-N2O-AIR)
- 3 Rotameters (scale 0,2 - 12 lpm) with pressure gauges scale 0-6 bar / 0-80 PSI equipped with N2O Cut-Off and Mix-Life O2 21% safety devices and Oxygen by-pass.
- 1 To And Fro patient circuit
- 1 O2 supply hose
- 1 N2O supply hose
- 1 Air supply hose
- 1 Siaretex base for quick connection of vaporizers
- 1 Selectatec/Interlock compatible.
- 1 Fluo-halotane vaporizer.
- 1 VM 2000 - Electronic Lung ventilator for anaesthesia for adults, children and new-born babies.
- 1 O2 probe code
- 1 Power supply cable 220V/50Hz
- 1 Silicone adult patient circuit for open circuit
- 1 User Manual

Option :

Accessories for semi-closed circuit with CO2 absorber and APL valve
Electronic spirometer

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TECHNICAL DATA SHEET

PERSEO workstation

Destination of use	PERSEO is a workstation for gaseous anaesthesia. It can be used for adult, paediatric and neonatal patients with a weight higher than 3 Kg. The PERSEO is designed for administering OXYGEN-AIR-NITROUS OXIDE - HALOTHANE-ENFLURANE - ISOFLURANE-SEVOFLURANE-DESFLURANE- HALOCARBON 22 mixtures.
General description	The PERSEO anaesthesia unit Is characterized by an high modularity which allows to configurate the unit according to specific needs of the client. The client can modify the unit configuration by purchasing the specific modules. The unit can be completed with: - GAS ADMINISTRATION SYSTEM (necessary) - LUNG VENTILATOR - BREATHING MONITORING SYSTEM - VITAL SIGNS MONITORING SYSTEM - OTHER ACCESSORIES The unit is composed of an elegant structure in light aluminum alloy and plastic laminated class F1, on which various models are mounted. The system is characterized by: - includes complete safety system - friendly use and maintenance - low operating costs - modern and ergonomic design - high modularity - can be configured for all requirements - complete line of accessories available - Manufactured and guaranteed according to ISO 9001 Quality System
Material	Light alluminium alloy, plastic laminated class F1.
Wheels	N. 4 - Antistatic- Diameter 125 mm – The 2 front ones with pedal brakes
Work shelf	Dimensions 50 x 23 x 90 (LxPxH) cm
Shelves	N. 2 Dimensions 50 x 37 - (LxP) cm Max load capacity 30 Kg
Drawer	N. 1 Inner Dimensions: 48 x 40 x 25 (LxPxH) cm
Standard Accessories	N. 2 Vertical cylinders support – On back side – For up to 10,7 lt capacity cylinders
CEI Classification	Class I Type B
Dir. 93/42 Classification	Class IIB
Dimensions (LxPxH)	80x75x157cm
Weight	70 kg

ANAESTHESIA WORKSTATION

VM2000: volumetric lung ventilator

Destination of use	The VM2000 is a volumetric lung ventilator for gaseous anaesthesia. The VM2000 can be used on ADULT, PAEDIATRIC and NEONATAL PATIENTS with weight higher than 3 kgs. The VM2000 is suitable for administering OXYGEN-AIR-NITROUS OXIDE-HALOTHANE-ENFLUORANE-ISOFLURANE-SEVOFLURANE-DESFLURANE-HALOCARBON 22 mixtures.
Ventilation Modes	The ventilator has the following modalities: STAND-BY, MANUAL SPONT, IPPV, IPPV+AST, AST, SIMV, IMV, PEEP, APNEA BACK-UP, PCV
Ventilation type	IPPV
Control Modality	Electronic
Flow Generation	with pneumatic actuator
Gas feeding	Compressed Air or Oxygen at 3.5 bar ± 0.75 bar
Measured Parameters	O2 Concentration / Patient pressure
Frequency range	From 5 to 90 bpm with step of 1 bpm. Display of setted value.
I:E RATIOS	1:1 / 1:2 / 1:3 / 1:4 / 2:1 / 3:1 / 4:1 Display of setted value
SIMV Frequency	From 1 to 20 bpm with step of 1 bpm
PEEP	Adjustable from 0 to 20 cmH_2O
Tidal Volume	Adjustable from 20 to 1500 ml
Minute volume	From 1 to 30 l/min
Inspiration flow	From 0 to 100 l/min
Oxymeter	Built-in with display of O2 concentration. 1% Resolution
Bronchomanometer	Analogic electronic from -10 to 100 cmH_2O
Pause	Adjustable by the inspiratory flow from 0 to 60% of inspiratory time
Trigger (sensitivity)	Electronically adjustable from -10 to +10 cm di H_2O
Alarms	Power failure / High - Low O2 concentration / Low pressure / High pressure / Limit Pressure reached / Fan damage / Low Battery
Medical Gas	Air / Oxygen
Electric Power supply	220 Vac 50 ÷ 60 Hz (other voltages available upon request)
Electric power consumption	0.3 A
Power consumption	65W
Internal Battery	With PB internal battery 12Vdc 3Ah (approx. 3 hours operation) rechargeable
Axiliary electric outlets	Nr°. 1 VDE type on the back panel for monitor supplying
Safety devices	Limit Pressure in the patient circuit
User's interface	LED Display / Analogic Bronchomanometer / Other LED indications / Control buttons and knobs.
External connections	Electric : Main power supply / Oxygen concentration probe / Connector for M 3000 D breathing monitor / Connector for valves group heating / Connector for Gas : Air / Oxygen flow meter box lighting