

### TECHNICAL SPECIFICATIONS

Storage Space	One spacious drawers for keeping essential anaesthesia kit/ accessories
Castors & Foot Rest	Large roller bearing anti-static castors with front brakes & foot rest
Monitor Shelf	Wide Monitor shelf at eye level
Cylinder Yokes	Color coded gas specific (pin indexed) yokes with sliding stainless steel clamping bars for easy handling. Holding Two O <sub>2</sub> and Two N <sub>2</sub> O 5 Ltr. water capacity cylinders
Non-return/ Pressure Relief Valve	Minimizes risk of back flow of gases, blows off when pressure exceeds 125 CmH <sub>2</sub> O
Regulators	Designed for higher efficiency, long service life and reliability for O <sub>2</sub> and N <sub>2</sub> O
O <sub>2</sub> Flush	Emergency oxygen flush switch at table level to give 30-75 Ltrs/min for emergencies
O <sub>2</sub> Failure Warning Alarm	Self activated electro-pneumatic audio visual warning device to indicate drop in O <sub>2</sub> pressure below 2.5 Bar
Nitro Lock	It enables N <sub>2</sub> O to cut off if Oxygen fails
Hypoxic Guard	Mixing device to proportion the N <sub>2</sub> O in such a way that minimum of 25% O <sub>2</sub> is always present in the breathing gas mixture
Common Gas Outlet (CGO)	Conveniently located CGO with ISO tapers for 22 & 15mm connections
Pipeline Gas Inlets	Non-interchangeable screw threaded (NIST) pipeline inlets. In case of drop in piped gas pressure the pin index cylinders take over automatically
Pressure Gauges	Large diameter, color coded gauges fitted at convenient angle for better visibility and clarity. One for each of the pin indexed yokes and one each corresponding to piped gas inlet
Selectatec Brackets	Twin Selectatec Block
Breathing Circuits	Bains and Closed circuit provided as standard

### CASCADE FLOWMETER

Oxygen Low Flow	0.05–1.0 lpm
Oxygen High Flow	1–10 lpm
N <sub>2</sub> O Low Flow	0.05–1.0 lpm
N <sub>2</sub> O High Flow	1–12 lpm

### PHYSICAL SPECIFICATION

Dimensions (mm)	1550 (H) x 810 (W) x 670 (D)
Work Surface (mm)	885 (H) X 620 (W) x 250 (D)
Top Shelf (mm)	620 x 360
Drawer (mm)	510 x 320
Weight	95 kg
Power Consumption	110W

### VENTILATOR TECHNICAL SPECIFICATIONS

Tidal Volume	50ml–1500ml	High Airway Pressure	15–80cmH <sub>2</sub> O (Adjustable)
Modes	CMV, Standby & Manual	Low Supply Gas Pressure	<250 kPa
Frequency	1–100 bpm	Alarm Mute	120 Sec, except for Low Supply Gas Pressure
I:E Ratio	4:1–1:10	<i>Note: once alarm condition is rectified audio alarm will stop and visual alarm will continue till reset button is pressed.</i>	
Built-in Pressure Relief Valve	70cmH <sub>2</sub> O	Power Supply	220V–240V AC 50Hz
Supply Pressure	280–700kPa (45–100 kPa)	Internal Battery Backup	Up to 4hrs.
Graphical Pressure Indication	(-)10–80cmH <sub>2</sub> O (Bar Graph)		
Low Airway Pressure (Apnea)	3–25cmH <sub>2</sub> O (Adjustable)		



**Allied Medical Limited**  
 76-77, Udyog Vihar, Phase IV,  
 Gurugram - 122 015, Haryana, India  
 Phone : +91 124 4111444  
 Mobile : +91 9667462828  
 Toll Free : 1800 102 7879  
 E-mail : sales@alliedmed.co.in  
 Website : www.alliedmed.co.in

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