

TECHNICAL SPECIFICATIONS

Storage Space	Two spacious drawers for keeping essential anaesthesia kit/ accessories
Castors & Foot Rest	Large roller bearing anti-static castors with front brakes & foot rest
Writing Surface	Wide table top for writing
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 ₂ and Two N ₂ 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 ₂ O
Regulators	Designed for higher efficiency, long service life and reliability for O ₂ and N ₂ O
O ₂ Flush	Emergency oxygen flush switch at table level to give 30-75 Ltrs/min for emergencies
O ₂ Failure Warning Alarm	Self activated electro-pneumatic audio visual warning device to indicate drop in O ₂ pressure below 2.5 Bar
Nitro Lock	It enables N ₂ O to cut off if Oxygen fails
Hypoxic Guard	Mixing device to proportion the N ₂ O in such a way that minimum of 25% O ₂ 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	Larges 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 ₂ O Low Flow	0.05–1.0 lpm
N ₂ O High Flow	1–12 lpm
Air	0.2–15 lpm

PHYSICAL SPECIFICATION

Dimensions (mm)	1465 (H) x 720 (W) x 660 (D)
Work Surface (mm)	815 (H) X 540 (W) x 250 (D)
Top Shelf (mm)	625 x 320
Drawer (mm)	490 x 320
Weight	120 kg
Power Consumption	110W

VENTILATOR TECHNICAL SPECIFICATIONS

Modes	VCV, PCV, V-SIMV+PSV, P-SIMV+PSV, PSV and Manual	Minute Volume	0–20 lpm
Electronic PEEP	Settable, 3–30cmH ₂ O	Inspiratory Pause	0–50% of Ti
Waveforms	Pressure, Flow and Volume	Adjustable Pressure Relief	0–70 cmH ₂ O
Loops	Pressure vs Volume, Flow vs Volume	Supply Gas Low	Supply gas (driving gas) has pressure 300 kPa or below
Compensation	Fresh Gas and Compliance	Respiratory Manometer Pressure Gauge	(-)20-(+)100 cmH ₂ O
Tidal Volume	20ml–1500ml	Internal Battery Backup	120 mins
Pinsp	5–70cmH ₂ O	Power Supply	100–250 Volts
Frequency	1–100 bpm	Pressure High	10–70 cmH ₂ O
I:E Ratio	1:8–4:1	Pressure Low	10–30 cm H ₂ O
Logs	400 Events	Mains Fail	Indicates main power failure
Driving Gas	Oxygen (Standard)/ Air (Optional)	Low Battery	Less than 15 minutes backup
Supply Pressure	45–100 PSI (310–700 kPa)		



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