

Technical Specifications

Display Screen	8" Screen with Touch Control & Rotary Knob
Parameters	Set Parameters / Measured Parameters / Alarm Status / I:E Ratio
Waveforms	Pressure-Time, Flow-Time, Volume-Time
Loops	Pressure-Volume, Flow-Volume, Pressure-Flow
Modes	PACV, PSIMV, VACV, VSIMV, AUTO (Emergency Quick Start), Spont+CPAP, PRVC, ACPAP+, PRVC+SIMV, O ₂ Stream
Tidal Volume	50–2500 ml, PCV Mode TV range : 10–2500ml
Pressure Support	0–60 cmH ₂ O
PEEP/CPAP	0–50 cmH ₂ O
Respiratory Rate	2–120 bpm
SIGH	With Interval 30, 60, 90, 120 /breath
Inspiratory Pressure	5–80 cmH ₂ O
Inspiratory Pressure Limit	5–80 cmH ₂ O
Inspiratory Flow	(-)6–240 L/min
Inspiratory Time	0.1–9.9 sec
I:E Ratio	4.7:1–1:149
Nebulizer Setting Time Range	10–180 min.
Rise Time (in PCV)	Fast, Medium, Slow (0–2 sec)
Apnea Time	2–60 sec
Apnea Backup Type	PACV, VACV Mode, backup with insp. pressure, Tv
Trend	72 hrs
Inhalation Enable Sensitivity (En-sens)	10–80%
Exhalation Enable Sensitivity (Ex-sens)	10–80%
Trigger Sensitivity	Pressure Trigger : OFF, (-)0.5 to (-)20 cmH ₂ O Flow Trigger : OFF, 0.5 to 20 lpm
FiO ₂ %	21%–100%
Suitable Body Weight	Volume Mode: 10–150 kg (Paed., Adults), Pressure Mode: 1–150 kg (Neo., Paed., Adults)
Altitude Volume Compensated	(-)328 ft.–21522 ft. {(-)100 mtr.–6560 mtr.}
Alarms	Airway Pressure / Tidal Volume / Minute Volume / Respiratory Rate / Apnea / O ₂ % / Airway Leak / Circuit Open / Battery Indicator / O ₂ Supply Pressure Failure / Ventilator In-operative/ Air Obstruction
Power	AC: 100–240V 50–60 Hz, DC : 10.8V, 8.8A, Power Consumption : 105W
Power Backup	6 Hrs. internal battery backup

Physical Specifications

Dimensions (W x D x H)	250mm x 156mm x 371mm
Weight	7.5 kgs. (main unit with battery)

Optionals

12.1" TFT Extended Graphical Display Unit
Ultrasonic Nebulizer
Humidifier
ABIPAP +/- APRV Mode
SpO ₂ Monitoring

Environmental Requirements

Storage Temperature	(-)20°C–50°C
Relative Humidity	10–90%
Operation Temperature	0°C–50°C

EtCO ₂ Monitoring
Extended Battery
Carry Bag
Ambulance Mount
Stand



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