

**MEDISYS**<sup>®</sup>



## CAREWEL INTENSIVE CARE VENTILATOR

### CAREWEL Intensive Care Ventilator



- Touch Panel
- Advanced modes
- Respiratory mechanics
- Trends
- Critical monitored data
- Battery backup

Designed and developed after an extensive research to provide adequate and effective ventilation in critical situations. While the adaptive modes offer better patient synchrony, the inclusion of Trends and Respiratory Mechanics makes it very versatile.

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ISO : 13485:2016



## Specifications

Screen	12.1" TFT Touch interface
Modes	VC, PC, PRVC, PS, VS, SIMV + PS APRV, NIV & Auto-shift
Flow pattn	SQ, Accelerating & Decelerating
Loops.	PV & FV
Curves	PT, FT & VT
Tidal Vol	50 to 1500 ml
Rate	1 to 50 Breaths/min
Insp Time	0.3 to 3 sec
Sensitivity	1 to 9 cm H <sub>2</sub> O below PEEP or 1 to 15 LPM
APRV	5 to 40 cm H <sub>2</sub> O @ 1 to 50 BPM
PEEP	0 to 30 cm H <sub>2</sub> O
PCV	0 to 40 cm H <sub>2</sub> O
PSV	0 to 30 cm H <sub>2</sub> O
Exp Trg Sens	5 to 85% of Peak Flow
2 PAP	IPAP: 5 to 40 cm H <sub>2</sub> O EPAP: 0 to 30 cm H <sub>2</sub> O @ 1 to 50 BPM & Insp Time of 0.3 to 3 sec.
Apnea Time	4 to 20 sec
Panel lock	After 2 mins
Dimming	After 1 min
Battery backup	4 hours
Patient data	Monitored & displayed
Resp. Mech.	By Insp Hold manoeuvre / LSF method Parameters: - Peak Insp & Exp Flow - Delta P - Plateau pressure - Auto PEEP - Static Compliance - Exp Time constant - Resistance - Mech Power delivered - Rapid Shallow Breathing Index
Power Input	200 to 240 VAC, 50 Hz



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- Warranted for 12 months against any manufacturing defects
- Specifications are subject to change anytime