



PORTABLE ICU VENTILATOR

OPTIMA

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Specification	OPTIMA
Patient type:	Adult, Pediatric infant (≥ 5 kg)
Ventilation modes:	A/C(V), A/C(P), SIMV(V) + PS, SIMV(P) + PS, Spont, PRVC
Tidal Volume:	20 - 2000 ml
Ventilation frequency:	1 - 100 bpm (increment : 1 bpm)
Inspiration time:	0.2 - 10S (increment : 0.1S)
FiO ₂ :	21% - 100%
Flow trigger:	0.5 - 20 L/Min
Pressure trigger:	-20 - 0 cm H ₂ O
Pressure control:	5 - 70 cm H ₂ O
Pressure support:	5 - 70 cm H ₂ O
Electronic PEEP:	0 - 40 cm H ₂ O
Nebulizer:	30 minutes
Direct access function:	100% O ₂ 2 min, Inspiration hold, Expiration hold, Manual, Freeze, Nebulizer (optional)
Monitoring:	Volume: VTI, VTE, MV, Mvspont Pressure: Ppeak, PEEP, Pplat, Pmean, Pmin, PEEP Freq, Fspont, I:E, FiO ₂ , Compliance, Resistance P-T, F-T, V-T
Loop:	P-V, F-P, F-V
System Log:	500 events (setting and alarm)
Alarm:	Audio and visual alarms with three levels Volumes: VTE high/low MV high/low Pressure: Paw high/low Apnea Continuous high airway pressure O ₂ supply pressure high/low Air supply pressure high/low Freq high/low, FiO ₂ high/low Power: AC power failure, Low battery power, Exhausted battery failure

Physical Specification

Dimensions (H x W x D):	310 x 290 x 310mm
Communication Interface:	Rs232
Screen:	8.4 inch LCD touch screen
Net weight:	9kg
Power:	AC: 100-240V, 50/60Hz, 1.5A
Lithium Battery:	4 - 6 hours

*Specifications, design and / or accessories listed in the catalogue subject to change without prior notice

MANUFACTURED & SERVICED BY:

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REPRESENTED BY:

