esse 3 ®

ESV-2000D
Automatic ventilator

ESV-2000D

Automatic Ventilator

Main Features

- Fulfil the clinical needs for emergency care, intra-hospital transportation and ICU
- Visible self-test and smart alarms ensure patient's safety in all situations
- Expiratory valve is easily detached and autoclavable to avoid cross-infections
- Intuitive user-friendly interface for a wonderful operating experience
- Small size, perfectly portable
- Comprehensive ventilation modes as well as powerful tools such as sigh, leakage compensation and low support meet the patient's individual requirements

Technical Features

Patient type	Adult, Pediatric (≥5kg)
Ventilation modes	IV2-4 hours A/C(V), A/C(P), SIMV(V)+PS, SIMV(P)+PS, PRVC, SPONT, Manual, DualPAP(optional), CPAP, NIV: PCV. SIMV(P)+PS, CPAP
Tidal Volume	20-2000 mL
Ventilation frequency	4-100 bpm(increment: 1bpm)
Inspiration time	0.2-10S (increment:0.1S)
FiO_2	21%-100%
Flow trigger	0.5-20L/Min
Pressure trigger	-20-0.1cmH2O
Pressure control	1-100cmH2O
Pressure support	1-100cmH2O
Electronic PEEP	0-50 cmH2O
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, FiCh , Compliance, Resistance
Waveform	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, O2 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
Dimensions (HxWxD)	310x290x310mm
Communication Interface	RS232
Screen	8.4 inch LCD touch screen
Net weight	7.8kg
Power	AC: 1 00-240V, 50/60Hz, 1.5A
Battery run-time	2-4 hours

Swiss Certified
ISO 9001
ISO 13485

CE