



ESJ !&\$\$\$\$8

5 i hca UhjWJ Ybhj`Uhf



INTENSIVE CARES



ESV-2000D

Automatic Ventilator

- Use for ICU, Emergency, Transportation and First aid care
- Electronic control and driven ventilator which works without an air compressor or central gas source
- Tidal volume 40-2000ml, Applicable to adult, pediatric (≥ 5 kg)
- Various modes for different needs of all patients
- 8 inch TFT screen for easy observation
- Touch screen & Navigation knob for simple operation
- Simultaneous display of 3 waveforms and 2 loops
- Synchronized nebulizer (optional)
- Expiratory valve is autoclavable to avoid cross-infection
- Active exhalation valve with anti-condensation design
- Android Software platform for easy use
- World leading brands of key components ensure ventilator's high accuracy and stable performance
- Multi-safety mechanism and three-priority visual and audio alarm for different risks



Technical Specifications

Cod.	ESV-2000D
Patient type	Adult, Pediatric (>5kg)
Ventilation modes	A/C(V), A/C(P), SIMV(V)+PS, SIMV(P)+PS, Spont, Sigh PRVC, Standby, Manual, NPPV, dual CPAP(optional)
Tidal Volume	40-2000 mL
Ventilation frequency	1-100 bpm(increment:1 bpm)
Inspiration time	0.2-10S (increment:0.1S)
FiO	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	0-70 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
Monitoring	Volume: V _{TI} , V _{TE} , MV, Mvspont Pressure: Ppeak, PEEP, Pplat, Pmean, Pmin, PEEP Freq, Fspont, I:E, FiO ₂ , Compliance, Resistance
Waveform	P-T, F-T, V-T
Loop	P-V, F-P
System Log	500 events (setting and alarm)
Alarm	Audio and visual alarms with three levels Volumes: V _{TE} 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 Specifications

Dimensions (H×W×D)	290 × 310 × 250 mm
Interfaces	Rs232, RJ45, Debugging
Screen	8 inch TFT (optional: touch screen)
Net weight	9kg(Main machine, including battery)
Power	AC: 100-240V, 50/60Hz, 1.5A
Lithium Battery	DC: 24 V, 5200mAh; Minimum 90 minutes



ESSE3 srl, Via Garibaldi 30
14022 Castelnuovo D.B. (AT)
Tel +39 011 99 27 706
Fax +39 011 99 27 506
e-mail esse3@chierinet.it
web: www.esse3-medical.com

