



ESV-40P

Portable Ventilator



INTENSIVE CARES



Safety

- ESV-40P used for respiratory depression, respiratory paralysis and failure of emergency rescue.
- Advanced monitoring and alarm systems for patient-related parameters (e.g. Pressure and flow) and ventilator function (e.g. air leakage, power failure).
- Built-in Li-battery for recharging and emergency case up to continuous 6 hrs.
- Equipped with air or oxygen tank.
- Sturdy, encased in a solid housing designed to withstand the shock of being dropped, compressed, or stepped on.

Accurate delivery

- Allow exact adaptation of pressure and flow characteristics to an individual patient's needs.
- Deliver an oxygen and air mix to a patient, with the concentration of the mix being adjustable.
- Five-tuned ventilator settings also serve to make ventilation more tolerable for the patient.

Convenience & Easy control

- Light weight 4 kg
- All parameters set in one step makes every single process in easy way.
- Humanized design helps the operator for easy handling.



Ambulance partner

- DC 12V charge, AC 100V-240V.
- Regulator compatible with on-vehicle cylinder.
- Oxygen circuit compatible with on-vehicle gas supply system.
- 3L Oxygen cylinder for Extra usage.
- ESV-40P also can be equipped on the transport bed, back of chair, stretcher or even to be placed on the ground standalone.



Description



Multiple functions

- Applied for child and adult.
- Volume control delivery with multi-function working mode.
- VCV, SIMV, PCV(Optional), PSV(Optional) , Manual for all case of patients like ICU ventilator purpose.
- Operator can rotate the unit with a pry bar 90 degree meanwhile to lock the unit only. The unit itself can be rotated clockwise to display horizontally when it is vertically placed or can be separated from the supporting system as well.





Technical parameters

ESV-40P Portable Ventilator	
Basic Features	
Operating Panel	English (Standard)
Display	7 inch LCD
Drive	Gas Driven
Gas source	Pure air or Oxygen
Operating	Electronically controlled
Application	Applied for child and adult (Weight>5kg)
Main Specifications	
Ventilation Mode	VCV, SIMV,NC , SIGH, MANUAL, CPAP,PCV (OPTIONAL), PSV(OPTIONAL)
Tidal Volume	20 -2000ml
I:E Ratio	4:1 - 1:8
Rate	4 -100/min, 1-40/min under SIMV
FiO2	40% -100%
Pressure trigger sensitivity	-20 -0 cmH2O, PEEP 0 -20 cmH2O
Monitoring Parameters	Tidal volume, Minute volume, Breathing rate, Airway Pressure
Alarms	No VT, MV too high(low), Airway pressure too high(low), AC power off, back-up battery too low, audio alarms or prompt hints
Unit Information	
Power	Battery, AC Power 220V/50Hz
Car charger	12V
Battery	6 hours
Net Weight	Main Body < 4 KG
Accessory Set	Main body, Oxygen cylinder 3L, Silicon mask/circuit for medical use, Other accessories used to ensure the basic operating



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