



ALLIED
MEDICAL

Meditec 1100

Portable Emergency Ventilator

Meditec 1100 Portable emergency ventilator supports reliable performance in daily challenge of saving people's life, no matter where the calls take you. The Meditec 1100 is suitable for use in ground emergency, Ambulance, Military Medical Services, Air Rescue Services. The multiple modes are suitable for patients with varied needs. The user friendly design and user interface makes the Meditec 1100 suitable for use in Emergency.



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Features

- Pneumatically Driven, Electronically controlled
- Suitable for Adult and Pediatric patients
- Suitable for both Invasive & Non Invasive ventilation
- Volume control delivery with multiple working modes
- User friendly interface for easy operation
- Ventilation parameters monitoring with proximal flow sensor
- Optimized alarm system with alarm history
- Built-in rechargeable Li-battery with up to 4hrs backup
- Mountings available for vehicle or portable stretcher
- Sturdy, encased in a solid housing designed to withstand the shock of being dropped
- Emergency fluorescent keypad to highlight in dark condition

Technical Specifications

Display	7 inch LCD with knob control
Drive	Gas driven from pipeline or cylinder operated with an automatic switch-over valve
Patient Mode	Adult or Pediatric (weight >5kg)
Gas Source	Medical grade oxygen
Operation	Electronically controlled
Ventilation Modes	Invasive Modes : VCV, SIMV, A/C, PCV, MANUAL, CPAP/PSV Non Invasive Modes : S/T, S-mode, T-mode
Monitoring Parameters	Tidal volume, Minute volume, Breathing rate, Airway Pressure, FiO ₂
Tidal Volume	20–2000ml
P _{peak} / P _{insp}	5–80 cmH ₂ O
I:E Ratio	4:1–1:8
Breathing Rate	4-100/min, 1–40/min under SIMV
FiO ₂	40%–100% constantly adjustable
Trigger Sensitivity	Pressure : OFF – (-)20 cmH ₂ O, Flow : 2 – 30 lpm
PEEP (Electronic)	0–20cmH ₂ O
Alarms	No VT, MV too high (low), Airway pressure too high (low), AC power off, back-up battery too low
Power	Battery, AC Power 220V/50Hz
Battery Backup	≥ 4 hours
Waveform	2 simultaneously, P-T (Fixed), F-T & V-T (Selectable)

Physical Specifications

Dimensions (L x W x H)	280mm x 130mm x 240mm
Weight	1.2 kgs. (main unit with battery)

Environmental Requirements

Storage Temperature	(-)10°C–50°C
Operation Temperature	0°C–50°C
Relative Humidity (Storage & Operation)	10–90%

Standard Accessories

- Ventilator Main Unit
- 1.8 Ltr. O₂ Cylinder
- Safety belt to fasten the O₂cylinder
- Breathing Valve
- Breathing Hose
- High Pressure Hose
- Face Mask
- Regulator with Flowmeter with gauge
- Cylinder Refilling Attachment
- Dust Proof Carry Bag

Optional

- Trolley
- Ambulance Attachment
- Stretcher Mounting Attachment



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