

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.



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

Technical Specifications

- 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

Display7 inch LCD with knob controlDriveGas driven from pipeline or cylinder operated with an automatic switch-over valvePatient ModeAdult or Pediatric (weight >5kg)Gas SourceMedical grade oxygenOperationElectronically controlledVentilation ModesInvasive Modes : VCV, SIMV, A/C, PCV, MANUAL, CPAP/PSV Non Invasive Modes : S/T, S-mode, T-modeMonitoring ParametersTidal volume, Minute volume, Breathing rate, Airway Pressure, FiO₂Tidal Volume20-200mlPpeak / Pinsp5-80 cmH₂OI:E Ratio4:1-1:8Breathing Rate4-100/min, 1-40/min under SIMVFiO₂40%-100% constantly adjustableTrigger SensitivityPressure : OFF - (-)20 cmH₂O, Flow : 2 - 30 lpmPEEP (Electronic)0-20cmH₂OAlarmsNo VT, MV too high (low), Airway pressure too high (low), AC power off, back-up battery too lowPowerBattery, AC Power 220V/50HzBattery Backup≥ 4 hoursWaveform2 simultaneously, P-T (Fixed), F-T & V-T (Selectable)	•		
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	Power	Battery, AC Power 220V/50Hz	
Waveform 2 simultaneously, P-T (Fixed), F-T & V-T (Selectable)	Battery Backup	\geq 4 hours	
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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 $O_{\mbox{\tiny 2}}\mbox{cylinder}$
- Breathing Valve
- Breathing Hose
- High Pressure Hose
- Face Mask

- Regulator with Flowmeter with gauge
- Cylinder Refilling Attachment
- Dust Proof Carry Bag
- <u>Optional</u>
- Trolley
- Ambulance Attachment
- Stretcher Mounting Attachment



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