WITH 7" COLOR TOUCHSCREEN

MEDI ELECTRONICS ®

....”Doctor’s Convenience, Patient’s Comfort”

SERVOVENT 300 +

VENTILATOR

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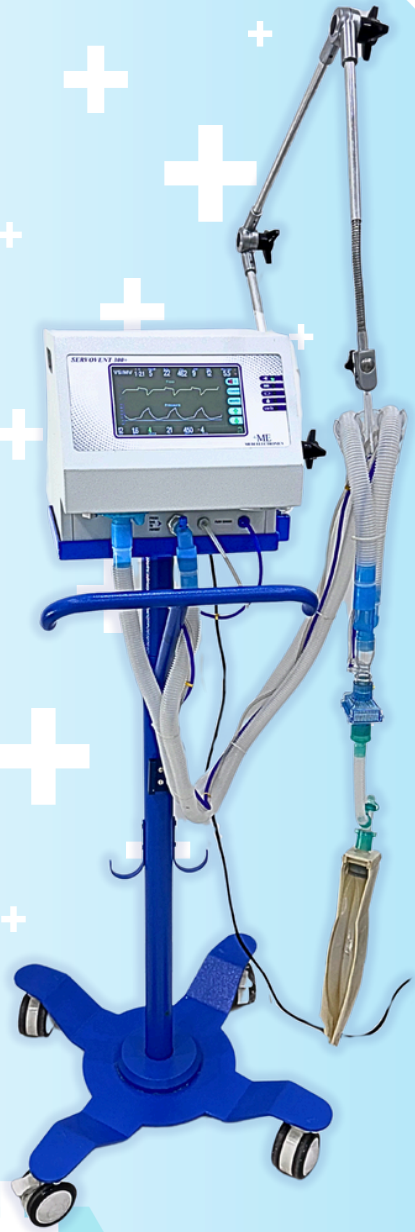
ISO 9001:2015

CE

एन एस आई सी NSIC ISO 9001 : 2008

SERVOVENT 300 +
VENTILATOR



- 7" Color Touchscreen
- Portable
- Easy To Use
- Invasive
- Noninvasive (mask)
- Battery Backup 2 Hrs
- One Button Ventilation
- For Ambulance
- For ICU
- For Homecare
- Turbine Based
- High Flow
- HFNC
- Negligible Maintenance Cost
- Eight Modes of Ventilation
- Low Flow Oxygen Port
- High Flow Oxygen Port
- Dual Flow Technology

Technical Specification

Basic Description

- **Patient Type : Adult / Paediatric**
- **Electrically powered, Multiple microprocessor controlled, Touch to Operate Ventilator**
- **Control Principle : Closed Loop Flow & Pressure controller ventilation**
- **Modes :** Volume Controlled ***CMV, SIMV, PRVC***
  Pressure Controlled ***BiPAP, SIMV, CMV***
  Continuous Positive Airway Pressure ***CPAP, HFNC***

Additional Alarms and Indicators

- Low O_2 pressure
- AC Disconnect - Internal Battery Use
- Low Battery
- Low Vte
- Oxygen Sensor Calibration Error
- Patient Disconnect
- Low/High FiO_2
- Low/High PIP

Ventilation Performance and Controlled Parameters

- **Respiratory Rate**: 1 to 60 BPM Tidal
- **Volume**: 50 to 1300 ml
- **Inspiratory Pressure Limit**: 5 to 50 cm H_2O
- **Inspiratory Time**: 0.3 to 3 seconds
- **Peak Flow**: 120 L/min
- **PEEP**: 0 to 15 cm H_2O
- **Trigger Sensitivity** : 1 to 6L/min
- **Positive Pressure Relief Valve** : 50 cm H_2O
- **Oxygen Mixed FiO_2** : 21% to 100%

Size and Weight

- **Height**: 10.8” / 27.5 cm
- **Width**: 11.5” / 29.2 cm
- **Depth**: 12.3” / 31.2 cm
- **Screen: 7” / 17.78 cm Touch-Screen** NEW
- **Weight:** 13 kg (With Battery)

Power Supply

- External AC 100 to 240 V, 50 to 60 Hz
- Max 2.0 A
- Internal Battery Lead-Acid 12 V (7.8Ah) (Rechargeable)
- Battery Operating Time **Up to 1.5 Hours** (depending on ventilation parameters)

Monitoring and Displayed Parameters

- Airway Pressure (Graph & Numerical)
- I:E Ratio
- Battery Level
- Vte
- PEEP
- Airway Flow (Graph & Numerical)
- Electrical Power Source (Mains/Battery)
- FiO_2
- PIP
- RR
- Minute Volume
- Selected Mode

Oxygen (enrichment) Supply

- **High Pressure Supply** : 40 to 60 psi (2.8 to 4.2 bar)
- **Low Pressure Supply** : Up to 60 LPM (5 CM H_2O)

User Adjustable Alarms

- **Automated**

- **Note : Specifications may change as a part of upgradation.**

Our Products

Air-Compressor

Digital-Tourniquet

Oxygen Monitor Handy

Oxygen Monitor

Oxygen Line Pressure Monitor

Digital Timer Switch

Bubble Cpap Machine

Neonatal Ventilator