



The **Newport HT 50** is a Portable Ventilator that can be used for transport, hospital and emergency care. It can be used for both invasive and non-invasive ventilation in both pediatric and adult patients. The HT50 has an internal battery that can provide up to 10 hours of use when full charged. The front panel controls allow a caregiver to select a variety of ventilation modes along with pressure and volume controls.

Features

- Volume or Pressure Control Ventilation
- Invasive or Non-Invasive Ventilation
- Pressure Support
- PEEP/CPAP, Built-in
- Comprehensive Alarms/Monitoring
- Internal Battery, long lasting with fast recharge
- Unique Gas Delivery System Requires No External Air Compressor
- Optional Air/Oxygen Mixer for high pressure 0.21-1.00
- Optional Blending Bag for Low Flow Systems
- iOPTIMIZE one-button optimization multifunction auto image optimization



Specifications

Dimensions

Height: 10.24 in (26 cm)
Width: 10.63 in (27 cm)
Weight: 15 lbs (6.8 kg) without humidifier

Patient Range

Pediatric (10 kg) - Adult

Control Settings

Modes (Pressure or Volume): A/CMV, SIMV, SPONT
Volume Control (Tidal volume): 100 to 2,200 mL
f(Frequency): 1 to 99b/min - *ti* (Inspiratory Time): 0.1 to 3.0 sec
PEEP/CPAP: 0 to 30 cmH₂O/0 to 30 mbar
Psupport (Pressure Support): 0 to 60 cmH₂O/0 to 60 mbar
V (Flow): 6 to 100 L/min
I:E Ratio: 1:99 to 3:1
Pressure Control (Target Pressure): 5 to 60 cmH₂O/5 to 60 mbar
P trig (Sensitivity): -9.9 to 0 cmH₂O/-9.9 to 0 mbar
Panel Lock: ON/OFF
Manual Inflation: 3 sec maximum (single operator controlled breath)
FIO₂: .21 to 1.00

Monitor Parameters

Paw (Peak, Mean, Base): VT (insp. tidal volume); Proximal Airway
Temperature: (insp. minute volume)
Internal Battery: *f* total (total frequency)

