



The **Newport HT70 ventilator** can be used for transport, emergency and hospital ventilation for patients. The HT70 offer both invasive and non-invasive options. The Newport ventilator was designed to feature micro-piston technology that can eliminate the need for an external compressed gas sources. The battery system comes with 2 batteries that offer up to 10 hours of continuous use and only takes 3 hours to recharge fully. The Newport HT70 exterior is made of polycarbonate material - making it indestructible.

Features

- On-airway flow sensor for more ventilation options — inspiratory or expiratory monitoring alarms, flow or pressure trigger.
- Hot-swappable battery provides up to 10 hours of operation, can be changed without interrupting ventilation.
- Battery time and cylinder use estimators provide added peace of mind during use.
- Built-in oxygen monitoring and alarms alert users to changes or disruptions when using supplemental oxygen.
- Full-color touch-screen is large and simple to navigate for added convenience.
- Advanced features include alarm quickset, custom presets and custom backup ventilation.



Specifications

Dimensions

Height (with handle): 10.25 in (26.04 cm)
 Width: 9.75 in (24.77cm)
 Depth: 11 in (27.94 cm))
 Weight: 15lbs (6.9kg)

Environmental

Operating Temperature: -18°C to 40°C
 Operating Humidity: 15 to 95% non-condensing
 Operating Pressure: 600 to 1,100 mbar
 Storage and Shipping Temperature: -40° C to 65° C
 Storage and Shipping Humidity: 0 to 95% non-condensing

Parameters

Paw (Peak, Mean, Base): VTI / VTE (insp./exp. tidal volume)
 MVI/ MVE (insp./exp. minute volume): Peak Insp. Flow
 RR tot (total respiratory rate): Internal Dual Battery System
 O2 Concentration: I:E Ratio
 O2 Cylinder Use: Battery Use Time Estimator

Hardware

Patient outlet: 22 mm OD
 AC Power Input: 100 to 240 VAC
 DC Power Input: 12 to 24 VAC

Settings

Modes (pressure or volume): A/CMV, SIMV, SPONT
 NIV: On/off in all modes
 VT: 50 to 2,200 mL
 RR: 1 to 99 b/min
 i Time: 0.1 to 3.0 sec
 PEEP / CPAP: 0 to 30 cm H2O / 0 to 30 mbar
 PS: 0 to 60 cm H2O / 0 to 60 mbar
 Flow: 6 to 100 L/min
 I:E Ratio: 1:99 to 3:1
 PC: 5 to 60 cm H2O / 5 to 60 mbar
 Ptrig: -9.9 to 0 cm H2O / -9.9 to 0 mbar
 Flow trigger: 0.0 to 10.0 L/min, Off
 Manual inflation: 3 sec maximum
 O2: 21 to 100%
 Bias flow (NIV off): 7 L/min w/PEEP
 Bias flow (NIV on): 3 to 30 L/min w/PEEP
 PS Max iTime: 0.1 to 3.0 sec
 PS % Exp. Threshold: 5 to 85%
 Slope Rise: 1 to 10
 Flow wave pattern: square or descending
 Auto lock function: On/off
 Language selection: multiple language options

