

## Newport HT50 Ventilator – The Ideal Choice for Emergency Preparedness

*The HT50 is perfectly suited for emergency, disaster and pandemic use. The HT50 is ideal for inter-hospital or long-distance transportation and for care of acute or long-term patients. The HT50 can be used from infants to adults, for invasive or non-invasive ventilation and is easy to learn and operate.*

Some highlights and advantages of the HT50 Ventilator are listed below:

- Fully self-contained ventilator weighing only 15 lbs. with up to **10-hour internal battery**. A small, lightweight back-up battery can be added to the HT50 to extend its operation 4 more hours up to 14 hours total. The HT50 is capable of operating for up to 60 hours when connected to a commercially available marine type battery. This sets it far ahead of other portable vents for disaster and power loss applications.
- Meets and exceeds AARC “Guidelines for Acquisition of Ventilators to Meet Demands for Pandemic Flu and Mass Casualty Incidents.”
- Fast re-charge from AC or external DC. Self-switching/one connector for 100-240 VAC, 50, 60 or 400 Hz, 12-30 VDC.
- Compatible for use with bio/gas filters, including NATO standard CBRN filter.
- Infant to adult use.
- Excellent clinical capabilities and performance as sited by Massachusetts General Hospital in an 18-month study of portable ventilators for the US Department of Defense.
- 2-year warranty. Extended warranty available.
- May be used with or without a stand.
- One screen setup. No difficult menus and imbedded sub-menus for operation. Easiest, most intuitive ventilator to set up and use with little or no training.
- Sturdy and robust with the ability to *withstand drops of up to six feet*.
- Water and weather resistant Aluminum housing.
- Cold resistant and heat resistant to extreme operating temperatures. Does not require environmentally controlled storage area.
- No need of inverter.
- Uses a simple, inexpensive, non-proprietary circuit for all patients or can use a “*homemade circuit*” in an emergency with the permanent exhalation valve that comes with the ventilator.
- Built in, Internal compensated PEEP. External, disposable PEEP valves in circuits of some other vents can be unstable.



- **Volume Control, Pressure Control & Pressure Support** breath types for invasive or non-Invasive ventilation. Treats virtually all patients including ARDS (Acute Respiratory Distress Syndrome)
- Comprehensive and easy to set alarms.
- Continuous monitoring of parameters.
- Can be used with high-pressure or low flow oxygen. The HT50 gas delivery system design provides for longer use times on an O<sub>2</sub> cylinder than turbine driven vents. (Longer use times from O<sub>2</sub> sources may be very important in a disaster or pandemic due to supply problems.)
- HT50 gives off no heat, a common issue with turbine driven vents.
- Very inexpensive to operate.
- All software updates at no charge for life of product.
- No charge continuing education for life of product.
- CEU programs available to Emergency Management clinicians during training at no charge.
- Installed volume of HT50 Ventilators with Armed Forces.
- Installed volume of HT50 Ventilators with MASH units.
- Preferred ventilator for air transport by United Airlines.
- Over 6000 units in operation worldwide.
- 24-hour Clinical and Technical Support 365 days a year.
- Local Sales Support.
- Local based service and repair facilities.
- Newport is a stable United States manufacturer with 25 years of continuous sales and service.
- Good FDA track record.
- Newport will provide local service training at no charge for the staff of the biomedical engineering departments at hospitals that are part of a group purchase.

*In summary, Newport Medical Instruments offers a unique, tested product that is easy to use in any environment. We are dedicated to supporting our product and our customers for the life of the product to assure you that we are the safe purchase decision. We value your business and we will work hard to ensure customer satisfaction for the life of the product.*

*Please contact your Newport Representative or Newport directly at 800.451.3111 ext. 282, email: [Customers@NewportNMI.com](mailto:Customers@NewportNMI.com)*