



Ventis Medical: Breathing Life into Healthcare

Ventis Medical is revolutionizing the healthcare industry by introducing a low-cost, portable ventilator designed to improve access to life-saving respiratory support for patients worldwide. Our innovative device, the Ventis VM-2000 Ventilator, is compact, easy-to-use, and exceptionally effective, making it the ideal solution for hospitals, clinics, and emergency medical services in both urban and remote locations.

Our commitment to affordability and quality ensures that the Ventis VM-2000 Ventilator can be widely adopted, bringing essential respiratory care to those who need it most. Its intuitive design, coupled with advanced technology, allows medical professionals to quickly and efficiently deliver crucial ventilatory support in emergency situations and during critical care. Ventis is your reliable partner in enhancing patient outcomes and promoting better respiratory health.



VM-2000 Specifications

Ventilation modes

A/C: Assist Control (Volume Control)
SIMV: Synchronized Intermittent Ventilation (Volume Control)
NIV: Non-Invasive Ventilation

Physical

Weight	3lb with battery installed
Size	8" x 6.5" x 2.25"
Screen Size	5" diagonal
Ingress Protection	IP 54
Environmental	Operating Temperature: -10C – 40C Storage Temperature: -40C - 70C Atmospheric Pressure: 620 – 1060 hPa MIL-STD-810G Method 51.6 Procedure 4 @ 48" Meets ISO 80601-2-12: 2020 clause: <ul style="list-style-type: none"> • 201.15.3.5.101.1 Shock and vibration (robustness) • 201.15.3.5.101.2 Shock and vibration for a transit-operable ventilator during operation
Disposable Battery	Operating Time: 6 Hours
Rechargeable Battery	Operating: 8 Hours Charge: 3hr (off), 5hr (ventilating)

Standards

Standards Met	ES 60601-1:2005+A1:2012 IEC 60601-1-2:2014 IEC 60601-1-8:2006+A1:2012 IEC 60601-1-12:2014 AIM Standard 7351731:2017 ISO 80601-2-12:2011 including ISO 5356-1:2015 ISO 5367:2014 ISO 80601-2-55:2018 ISO 80601-2-84:2020
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Measured and displayed patient parameters

Tidal Volume	0 to 2000 ml
Respiratory Rate (RR)	0 to 100 BPM
Peak inspiratory pressure (PIP)	0 to 90 cmH2O
FiO2	14-100 %
EtCO2 with CO2 accessory	0 - 10 kpa

Controls

Tidal Volume	200 to 2000 ml
Respiratory Rate (RR)	0 to 40 BPM
Peak inspiratory pressure (PIP)	15 to 90 cmH2O
Positive End Expiratory Pressure (PEEP)	0 to 20 cmH2O
Trigger Sensitivity (flow)	OFF, 1 - 9 LPM
Inspiratory Time	0.3 to 5.0 seconds

Alarms

Tidal Volume	0 to 2000 ml
Respiratory Rate (RR)	1 to 40 BPM
Peak inspiratory pressure (PIP)	0 to 90 cmH2O
FiO2	14-100 %
EtCO2	0 – 10 kpa
PEEP	+/- 5cmH2O
Apnea	10 - 60s



www.ventismed.com

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Specifications are subject to change without notice.
FDA Cleared. Patents Pending.

Caution U.S Federal Law restricts these devices to sale by or on the order of a physician

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