

INOVYTEC

THE POWER TO SAVE LIVES

ventway SPARROW



Ultra Portable Turbine Ventilator

The Ventway's unique combination of high-performance, functionality, and compact design, position it among the top emergency and transport ventilators.

Designed to be impact resistant, ultra portable and user-friendly, the Ventway Sparrow enhances the standard of care in both Field and Combat medicine. Ventway enables effective ventilation from the point of injury all the way to the ICU while using just one ventilator.

Ventway Sparrow

P/N: VWSP-100

Dimensions: 165x167x60 mm | Weight 1 kg



Ultralight

Easy to handle and carry



Multifunctional

Hospital performance in the field



Maintenance Free

Durable and reliable device that delivers continuous ventilation, and only requires periodic filter replacement



Product catalog



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Performance Data

Ventilation Modes	SIMV-VC-PS, SIMV-PC, CPAP, HFNC*, CPR Mode*
Adult & Pediatric	Patient Weight >5 Kg (11 lb)
Respiratory Rate	1 – 60 ± 1 bpm
Peak Inspiratory Pressure	0-60 cm H ₂ O
Tidal Volume	50-2000 mL ±10% + 4 mL
Inspiratory Pressure Limit	11 to 60 cm H ₂ O ± 2 cm H ₂ O or 10% whichever is greater
Inspiratory Time	0.3 to 4 ± 10% sec
I:E Ratio	1:4 to 4:1
Peak Flow (PIF)	Mandatory breaths: 135 L/min (-5% to +10%) Spontaneous breaths: 160 L/min ± 10%
Oxygen Mix (FiO ₂)	21% to 95% ± 5% O ₂
PEEP	0 to 20 cm H ₂ O ± 1, (externally adjusted)
Trigger Sensitivity	-0.25 to -10 cm H ₂ O Pressure, Off
Pressure Support Limit	11 to 50 cm H ₂ O above PEEP ± 2 cm H ₂ O
Pressure Alarm Limit	10 to 55 cm H ₂ O above PEEP ± 2 cm H ₂ O
FiO ₂ Low Pressure Enrichment	21% to 100% (low and high pressure oxygen source)
Altitude	-1200 ft up to 25,000 ft

* These two modes pending FDA clearance

Power Specifications

Rechargeable Battery Pack	Li 2850 mAh
Non-Rechargeable Battery Pack	Li 3000 mAh
External AC-DC Adaptor	100~264VAC 50/60Hz
External DC-DC Adaptor	18~28VDC 4A max

Ventway Sparrow Packaged | P/N: VWSP-1000



Ventway Sparrow	AC/DC Power Adapter	Rechargeable Battery	Ventway Sparrow IFU
VWSP-100	VWSP-141	VWSP-420	VWSP-500

Major Standards

IEC 60601-1, IEC 60601-1-2, IEC 60601-1-12, ISO 80601-2-12, ISO 10651-3, EN 794-3, RTCA DO 160G, EN 1789, IP 45 (with oxygen).



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