INOVYTEC

THE POWER TO SAVE LIVES

ventway SPARROW Robust



MRI Compatible
P/N: VWSP-900MR

P/N: VWSP-900
NSN# 6530-31-018-4102

Ventway Sparrow - Robust

P/N: VWSP-900
P/N: VWSP-900MR

Dimensions: 165×167×60 mm | Weight: 1.3 kg

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.

Ultralight
Easy to carry and handle

Night Vision
Compatible with goggles

Energy Flex
Compatible with rechargeable and non-rechargeable battery

MRI Compatible
Up to 3 Tesla

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

Multifunction
High capabilities to match all scenarios

High Performance
Hospital grade ventilation at anytime

FDA CLEARED

CE

Pmda

Australian Government
Department of Health
Therapeutic Goods Administration

5 Hatidhar Street, Raanana 4366507, Israel | Tel: +972 (0)9 965 6485
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Product catalog

Perfomance 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_2O
Tidal Volume	50-2000 mL ±10% + 4 mL
Inspiratory Pressure Limit	11 to 60 cm H_2O ± 2 cm H_2O 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_2O ± 1, (externally adjusted)
Trigger Sensitivity	-0.25 to -10 cm H2O Pressure, Off
Pressure Support Limit	11 to 50 cm H2O above PEEP ± 2 cm H_2O
Pressure Alarm Limit	10 to 55 cm H2O above PEEP ± 2 cm H_2O
FiO2 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-9000 | NSN# 6515-31-018-5787

Ventway Sparrow MRI Robust Packaged | P/N: VWSP-9000MR



Ventway Sparrow	**AC/DC Power Adapter**	**Rechargeable Battery**	**Ventway Sparrow IFU**
VWSP-900/900MR	VWSP-940	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), MIL-STD-810G, MIL-STD-461G, MIL-STD-1275

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