ALVEONIC

Happens for Life

The AVS-180-WS, a sophisticated microprocessor-based anesthesia ventilator, offers user-friendly operation for both adult and pediatric patients. Its 7-inch TFT touch screen display provides clear visualization of flow, volume, and pressure graphs and loops. Equipped with a lithium-ion battery backup for up to 2 hours, AVS-180-WS ensures uninterrupted ventilation. This versatile ventilator supports various modes, including VCMV, V-SIMV, PCMV, P-SIMV, PRVC, PSV, BAG, and Standby, making it compatible with all types of anesthesia machines and Alveonic ACS-1 or any other OEM circle absorbers, the AVS-180-WS is a versatile and reliable solution for surgical procedures.



Specification

PARAMETERS	AVS-180-WS
Mode of Operation	VCMV, V-SIMV, PCMV, P-SIMV, PRVC, PSV, BAG and Standby
Patient Type	Adult and Child [Selectable]
I:E Ratio	4:1 to 1:4
Plateau	0 to 50%
Trigger	0.5 to 5.0 cmH_2O
Tidal Volume	50 to 1500 ml
Respiratory Rate	1 to 60 Bpm
Ti	0.2 to 8.0 Sec
Pi	5 to 60 cmH_2O
PEEP	1 to 30 cmH_2O
Pressure Support	5 to 40 cmH_2O
Ti_{max}	0.2 to 8.0 Sec
Backup RR	6 to 60 Bpm
Backup Mode	VCMV, V-SIMV, PCMV, P-SIMV and PRVC
Monitoring Parameters	Tidal Volume, Minute Volume, RR, FIO_2, Pi, P Mean, P Plat, PEEP Obtained
Alarms	Low and High for Pressure, RR, Minute Volume and FIO_2, Active patient, Patient disconnected, Driving Gas failure, low battery indication, Apnea, Oxygen Failure (Optional)
Loop Types	Flow Vs Pressure, Flow Vs Volume & Volume Vs Pressure [Selectable Any Two]
Graph Types	Flow , Pressure & Volume[Selectable Any Two]
Display	7" TFT with touch Screen
Flow Sensor	External
Circle Absorber	ACS-1 or any OEM
External Inputs	On/Off, Bag/Vent, Canister Bypass, ACGO and Oxygen Pressure Switch
External Output	Flow meter Backlight (12VDC 100mA)
Power Input	100-240 VAC 50/60 Hz 20 W
Gas Input Pressure	3~6 Bar
Battery Backup	2 hours (Lithium-ion)
Dimension	316 x 250 x 155 mm (L x W x H)

AVS-180-WS

OEM PRODUCT

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