

The AVS-180 is an advanced anesthesia ventilator that offers precise volume and time-cycled ventilation for adult and pediatric patients. Its user-friendly interface features a 7-inch TFT touchscreen display and a lithium-ion battery backup for up to 2 hours. The AVS-180 supports various ventilation modes, including CMV, ACMV, SIMV, PLV, BAG, and Standby. Compatible with a wide range of anesthesia machines, the AVS-180 is a versatile and reliable solution for surgical procedures.



# AVS-180

## ANESTHESIA VENTILATOR

### Control Parameters

Mode of Operation	CMV,ACMV,SIMV, PLV, BAG & Stand by.
Patient Type	Adult and Pediatric
I: E Ratio	4:1 to 1:4
Plateau	0 to 50%
SIMV rate	1 to 59 Bpm
Trigger	1 to 9 cmH <sub>2</sub> O
Pressure limit	0 to 60 cmH <sub>2</sub> O
Tidal Volume	50 to 1500 ml.
Respiratory Rate	6 to 60 Bpm

### Alarms and Indications

Monitoring Parameters	Tidal Volume, Minute Volume, Pi,RR, FIO <sub>2</sub> , PEEP Obtained.
FIO <sub>2</sub> %	21 to 100
PEEP	0 to 60 cmH <sub>2</sub> O
Inspiratory Pressure High	20 to 60 cmH <sub>2</sub> O
Inspiratory Pressure Low	0 to 15 cmH <sub>2</sub> O
Minute Volume High	3 to 50 Liters
Minute Volume Low	0 to 47 Liters
RR High	15 to 100 Bpm
RR Low	5 to 90 Bpm
Alarms	Pressure Low and High, RR Low and High, FIO <sub>2</sub> Low and High, Active patient, Patient disconnected, Driving gas failure, Low battery indication, Minute Volume low-High.

### General Parameters

Display	7" TFT with touch Screen.
Power Input	20 W   90 to 260 V AC   50/60 Hz
Driving Gas Input Pressure	2.4~6 Bar
Dimension	316 x 270 x 374 mm (L x W x H)
Battery Backup	2 hours (Lithium-ion)

Manufactured by:

**Alveonic Medical Systems P Ltd**

Coimbatore – 641008 India

Ph: +91 95973 88877

Email: [info@alveonic.com](mailto:info@alveonic.com)

Web: [www.alveonic.com](http://www.alveonic.com)