

The AVS-150-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-150-WS ensures uninterrupted ventilation. This versatile ventilator supports various modes, including CMV, ACMV, SIMV, PLV, BAG & Standby, making it compatible with all types of anesthesia machines and Alveonic ACS-1 or any other OEM circle absorbers, the AVS-150-WS is a versatile and reliable solution for surgical procedures.



## Specification

| PARAMETERS            | AVS-150-WS                                                                                                                                                                              |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mode of Operation     | CMV, ACMV, SIMV, PLV, BAG & 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 <sub>2</sub> O                                                                                                                                                           |
| Tidal Volume          | 50 to 1500 ml                                                                                                                                                                           |
| Respiratory Rate      | 1 to 40 Bpm                                                                                                                                                                             |
| Ti                    | 0.3 to 8.0 Sec                                                                                                                                                                          |
| Pi                    | 5 to 60 cmH <sub>2</sub> O                                                                                                                                                              |
| Backup Mode           | CMV                                                                                                                                                                                     |
| Monitoring Parameters | Tidal Volume, Minute Volume, RR, FIO <sub>2</sub> , Pi, P Mean, P Plat, PEEP Obtained                                                                                                   |
| Alarms                | Low and High for Pressure, RR, Minute Volume and FIO <sub>2</sub> , 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]                                                                                                                                            |
| 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)                                                                                                                                                      |
| Display               | 7" TFT with touch Screen                                                                                                                                                                |
| Power Input           | 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-150-WS

OEM PRODUCT



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