



Driving Gas Free System

- ▲ Highest Degree of Safety Measures
- ▲ Integrated Ventilator for Advanced Care
- ▲ Accurate Anesthesia gas and drug delivery

Configuration Options

Anesthesia Ventilator	Flow Meter	Driving System
AVS-360	2 GAS	ELECTRIC
AVS-270	3 GAS	GAS
AVS-270	2 GAS	GAS
AVS-180	3 GAS	GAS
AVS-180	2 GAS	GAS

Gas Driven System



VENTILATOR CONFIGURATION

PARAMETERS	AVS-180	AVS-270	AVS-360
Mode of Operation	CMV, ACMV, SIMV, PLV, BAG & Standby.	VCMV, V- SIMV, PCMV, P-SIMV, PRVC, PSV, BAG and Standby.	VCMV, V- SIMV, PCMV, P-SIMV, PRVC, PSV, BAG and Standby.
Patient Type	Adult and Child [Selectable]	Adult and Child [Selectable]	Adult and Child [Selectable]
I: E Ratio	4:1 to 1:4	4:1 to 1:4	4:1 to 1:4
Plateau	0 to 50%	0 to 50%	0 to 50%
Trigger	0.5 to 5.0 cmH ₂ O	0.5 to 5.0 cmH ₂ O	0.5 to 5.0 cmH ₂ O
Tidal Volume	50 to 1500 ml.	50 to 1500 ml.	50 to 1500 ml.
Respiratory Rate	1 to 40 Bpm	1 to 60 Bpm	1 to 60 Bpm
Ti	0.3 to 8.0 Sec	0.2 to 8.0 Sec	0.2 to 8.0 Sec
Pi	5 to 60 cmH ₂ O	5 to 60 cmH ₂ O	5 to 60 cmH ₂ O
PEEP	-	3 to 30 cmH ₂ O	1 to 30 cmH ₂ O
Pressure Support	-	5 to 40 cmH ₂ O	5 to 40 cmH ₂ O
Ti _{max}	-	0.2 to 8.0 Sec	0.2 to 8.0 Sec
Backup RR	-	6 to 60 Bpm	6 to 60 Bpm
Backup Mode	CMV	VCMV, V- SIMV, PCMV, P-SIMV and PRVC.	VCMV, V- SIMV, PCMV, P-SIMV and PRVC.
Monitoring Parameters	Tidal Volume, Minute Volume, RR, FIO ₂ , Pi, P Mean, P Plat, PEEP Obtained.	Tidal Volume, Minute Volume, RR, FIO ₂ , Pi, P Mean, P Plat, PEEP Obtained.	Tidal Volume, Minute Volume, RR, FIO ₂ , Pi, P Mean, P Plat, PEEP Obtained.
Alarms	Pressure Low and High, RR Low and High, FIO ₂ Low and High, Active patient, Patient disconnected, Driving Gas failure, Oxygen Failure Low battery indication, Minute Volume low-High.	Low and High for Pressure, RR, Minute Volume and FIO ₂ , Active patient, Patient disconnected, Driving Gas failure, Oxygen Failure Low battery indication, Apnea.	Low and High for Pressure, RR, Minute Volume and FIO ₂ , Active patient, Patient disconnected, Oxygen failure, Low battery indication, Apnea.
Loop Types	Flow vs Pressure, Flow vs Volume & Volume vs Pressure [Selectable Any Two]	Flow vs Pressure, Flow vs Volume & Volume vs Pressure [Selectable Any Two]	Flow vs Pressure, Flow vs Volume & Volume vs Pressure [Selectable Any Two]
Graph Types	Flow, Pressure & Volume [Selectable Any Two]	Flow, Pressure & Volume [Selectable Any Two]	Flow, Pressure & Volume [Selectable Any Two]
Fresh Gas Decoupling	Enabled	Enabled	Enabled
Flow Sensor	External	Internal & Permanent	Internal & Permanent
Display	7" TFT with touch Screen.	7" TFT with touch Screen.	7" TFT with touch Screen.
Power Input	20 W	65 W	120W
Driving Gas	Oxygen (2 Gas) /Air (3 Gas)	Oxygen (2 Gas) /Air (3 Gas)	Not Required (Electrical Bellow)
Gas Input Pressure	3-6 Bar (Pipeline) / 4-150 Bar (Cylinder)	3-6 Bar (Pipeline) / 4-150 Bar (Cylinder)	3-6 Bar (Pipeline) / 4-150 Bar (Cylinder)
Battery Backup	2 hours (Lithium-ion)	2 hours (Lithium-ion)	2 hours (Lithium-ion)
Flow Meter Type	2 Gas (4 Tubes) / 3 Gas(5 Tubes)	2 Gas (4 Tubes) / 3 Gas(5 Tubes)	2 Gas (4 Tubes)



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