

AV-S Ventilator compared to other popular models

Ventilator	AV-S	E-Vent	7900	7100
Screen type	Color Touchscreen	EL black & orange	EL black & orange	LCD
Screen size	8.4"	6.4"	6.4"	5.5"
Volume	Yes	Yes	Yes	Yes
Pressure	Yes	Yes	Yes	Optional
Spontaneous monitoring	Yes	Yes	Yes	Yes
Pressure support	Yes	No	Optional	Optional
Control wheel	Yes	Yes	Yes	Yes
Touchscreen control	Yes	No	No	No
Dual waveform	Yes	No	No	No
Optional pre-use check	Yes	Mandatory	No	No
Auto or manual alarms	Yes	Yes	Yes	Yes
Integrated function	Yes	Yes	Yes	Yes
Print from screen ability	Yes	No	No	No
Data outputs	Yes	Yes	Yes	Yes
Tidal volume mL	20-1600	20-1400	20-1500	45-1500
Frequency/min	4-100	4-60	4-100	4-65
I:E ratio	3:1 to 1:8	4:1 to 1:4	2:1 to 1:8	2:1 to 1:6
Pressure v. Limits	10-80	15-70	12-100	12-100
Electronic PEEP cmH ₂ O	4-30	0-20	4-30	4-30
Fresh gas compensation	Yes	Decoupling	Yes	Yes
Gas powered	Yes	No, electric	Yes	Yes
Battery back-up	45 minutes	45 minutes	45 minutes	45 minutes
Oxygen monitor	Yes	Yes	Yes	Yes

