

Technical Specification

Ventilation Modes				
	VCV	PCV	PRVC	SIMV(VCV)+PSV
	SIMV(PCV)+PSV		SIMV(PRVC)+PSV	
	BIVENT+PSV	NIV/PCV	NIV/PSV	
Parameters				
• Tidal Volume:	20~2500 ml			
• Respiration Rate:	4~100 bpm (VCV, PCV & PRVC mode)			
	1~40 bpm (SIMV mode)			
• Tinsp:	0.1~12 s			
• Tpause:	0~4 s			
• I:E Ratio:	4:1-1:9			
• FiO ₂ :	21%~100%			
• Trigger Sensitivity:	Pressure (-20~0 cmH ₂ O, above PEEP)			
	Flow (0.5~20 LPM)			
• PEEP:	0~50 cmH ₂ O			
• Psupport:	0~60 cmH ₂ O			
• Pinsp:	5~60 cmH ₂ O			
• Esense:	5%~80%			
Special Procedures				
	Inspiration hold	Expiration hold		
	Manual inspiration	Waveform freeze		
	30 mins nebulizer	Suction (max 2min)	Screen lock	
Monitoring				
• Pressure Value:	Ppeak, Pplat, Pmean, PEEP			
• Volume / Flow Value:	Vti, Vte, MV, Mvspond			
• Time Value:	ftotal, fspont, I:E			
• Real Time Curves:	Pressure-Time, Flow-time, Volume-time, pressure-Volume loop, Flow-volume loop			
• Oxygen Monitoring:	FiO ₂			
• Lung Mechanics:	Dynamic and static compliance, resistance, auto PEEP			
Alarm				
	Paw high / low	MV high / low	PEEP high / low	
	Circuit disconnected		FiO ₂ high / low	
	Airway pressure continuous high		fspont high	Apnea
	Expiratory tidal volume high / low		Power supply failure	
	Nebulizer on	Battery low	Air supply down	
	O ₂ supply down	Fan block	Pipe block	
Technical Data				
• Screen:	12.1" color touch screen (detachable)			
• Supply Gas:	O ₂ , Air 0.28~0.6 MPa			
• Power Supply:	AC110~240 V, 50 Hz/60 Hz, ≤65 VA			
• Internal Sattery:	> 1 hour			
• Maximum Security Pressure:	≤8 KPa			
• Compliance:	≤4 ml / 100 Pa			
• Noise:	≤65 dB(A)			
• Communication Interface:	RS232, VGA, nurse call			
• Dimension (WxDxH):	410 mm x 410 mm x 328 mm			
• Weight:	20 kg			

Remark: Above configurations include standard and optional. Please check price with your Aeonmed sales representative.



Shangrila590P Ventilator

CE 0123

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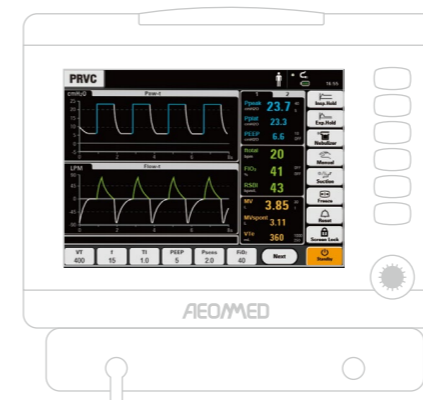
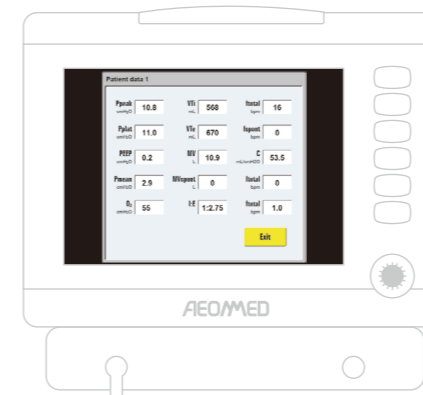
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AVT590P-1902

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- Pneumatically driven and electronically controlled ICU ventilator used for adult and paediatric patients
- 12.1" TFT touch screen with navigational wheel knob provides simple and intuitive interface
- Detachable screen effectively reduces the possibility of cross-infection
- Dual (sound and light) three level alarms ensure patient safety
- Comprehensive ventilation modes including PRVC and BIVENT, fulfill clinical use
- Autoclavable exhalation valve with built-in flow sensor, cost effective design
- Comprehensive ventilation modes and various clinical tools makes respiratory care easier and safer



Excellent Ventilation modes

- Meet clinical demands : typical ventilation modes with advanced BIVENT and PRVC
- Sensitive pressure trigger and flow trigger makes respiratory care more comfortable for the patient
- Both invasive and Non-invasive ventilation fully covers various types of patient needs

Comprehensive Monitoring system

- Monitoring and display 15 important patient parameters , in combine combination with alarm recording function helps doctors to make clinical judgements
- 3 waveforms and 2 loops timely provide patient clinical dynamic information

Further Clinical Support

- Lung mechanics monitoring
- Manual intervention including inspiratory and expiratory hold; screen freeze; synchronized nebulizer; smart suction and manual breath

Advanced Medical Engineering Technology

- Integrated exhalation valve with thermostatic function, effectively reduces vapor condensation
- Detachable screen can be mounted on trolley or ceiling pendant

