



An Optimal Combination of Invasive and Noninvasive Ventilator

VG70 Ventilator

CE 0123

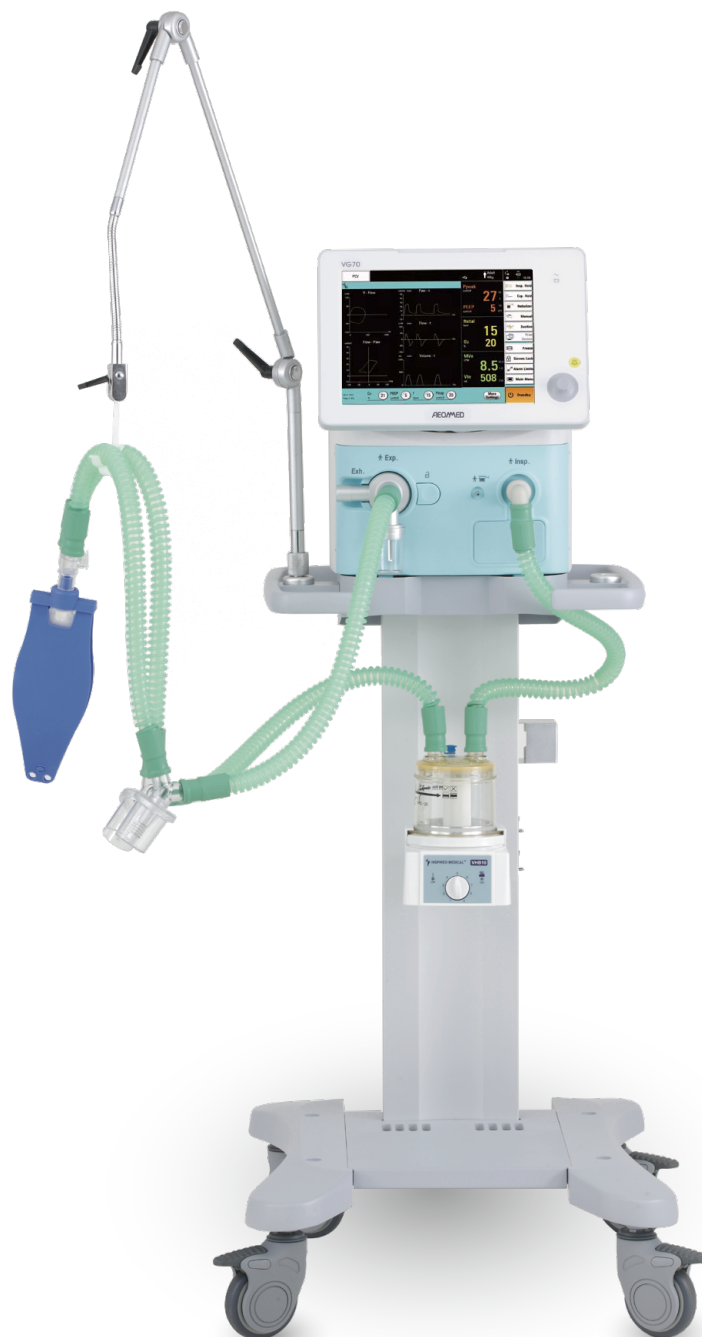
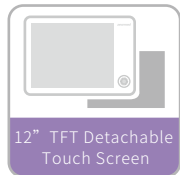
AEO MED
Reliable Quality Thoughtful Service

Superior Mobile ICU ventilator

- Comprehensive ICU ventilator including BIVENT and PRVC
- Compact, 4 hours internal batteries, turbine based, suitable for intra-hospital transportation
- Flexible device configuration: equipped on a trolley, bed or ceiling pendant

Cost Effective Solution

- Unique metal-based, non-consumable exhalation valve
- Built-in flow sensor, non-consumable design
- Upgradeable ventilation system software, with an available USB port





An Optimal Combination of Invasive and Noninvasive Ventilator

- As noninvasive ventilation is used increasingly in a wide range of clinical situations, we offer a dual solution VG70
- Combines the advantages of a flexible noninvasive ventilator with a full-featured invasive ventilator for the ICU
- Auto-detect and adjustable leakage compensation
- Multi-parameter monitoring

Safe Ventilation Through Whole Treatment Phase

Initial Treatment Phase

- Both invasive and noninvasive ventilation modes can be selected, meet the needs for more patients.
- User condition friendly interface, present patient's height and IBW.



Stable Condition Phase

- PRVC and BIVENT employ lung-protective strategies, delivering intelligent ventilation
- Comprehensive lung mechanics monitoring include compliance, airway resistance, PEEPi and time constant
- Three waveforms & three loops with user-friendly display provide a continuous monitoring of the patient's condition



Weaning Phase

- Various ventilation modes enhance the weaning process
- The unique trigger and leakage compensation system safeguards each and every patient breath resulting in smooth and comfortable breathing, avoiding extra workload on the patient and promoting recovery
- RSBI and WOB provide accurate reference for weaning



Rehab Phase

- Provides pressure support for the patient when spontaneous breathing is present
- Integrated nebulizer enhances clinical treatment option



Technical Specification

Ventilation Modes

	VCV(A/C)	PCV(A/C)	PRVC	SIMV(VCV)+PSV
	SIMV(PCV)+PSV	SIMV(PRVC)+PSV	SPONT/CPAP+PSV	
	BIVENT+PSV	NIV/CPAP	NIV-T	NIV-S/T

Parameters

• Tidal Volume:	20~2000 ml
• Respiration Rate:	1~80 bpm
• Tinsp:	0.2~9 s
• Tslope:	0~2 s
• Tpause:	0~4 s
• I:E Ratio:	1:10~4:1
• FiO ₂ :	21%~100%
• Trigger Sensitivity:	Pressure (-20~0 cmH ₂ O, above PEEP) Flow (0.5~20 LPM)
• PEEP:	0~35 cmH ₂ O
• Psupport:	0~60 cmH ₂ O
• Pinsp:	5~60 cmH ₂ O

Special Procedures

	Apnea Ventilation	Suction(smart O ₂ enrichment)	Manual Breath
	Insp/ Exp Hold	ETCO ₂ Measurement	
	Nebulization	Waveform Freeze	

Monitoring

• Pressure Value:	Ppeak, Pplat, Pmean, Pmin, PEEP
• Volume / Flow Value:	Vti, Vte, MV, MVspont
• Time Value:	ftotal, fspont, I:E
• Real Time Curves:	Pressure-Time, Flow-Time, Volume-Time waveforms Pressure-Volume, Volume-Flow, Flow-Pressure loops
• Gas Monitoring:	FiO ₂ , ETCO ₂
• Calculated Values:	Compliance(C) Resistance(R) MVleak RSBI WOB PEEPi

Alarm

	Paw high / low	MVe high / low	Circuit disconnect
	FiO ₂ high / low	Inspiration / Expiratory tidal volume low	
	High Respiration Rate	Apnea	AC Failure
	Low Battery	O ₂ supply down	Nebulizer On
	Leakage out of range	Occlusion	High / Low PEEP

Technical Data

• Screen:	12" TFT color touch screen (detachable)
• Supply Gas:	O ₂ , 0.28~0.6 MPa
• Power Supply:	AC100~240 V, 50 Hz/60 Hz
• Communication Interface:	Nurse call Port
• Dimension (WxDxH):	322 mm x 375 mm x 366 mm (Main Unit) 547 mm x 675 mm x 950 mm (Cart)
• Weight:	12.5 kg (Main Unit) 25 kg (Cart)

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

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