

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:	0~70 cmH ₂ O			
• Pinsp:	5~70 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	Nebulizer On	
Low Battery	O ₂ supply down		High / Low PEEP	
Leakage out of range	Occlusion			
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)			



An Optimal Combination of Invasive and Noninvasive Ventilator



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



360° Visible
Alarm Lamp



12'' TFT Detachable
Touch Screen



Ultra Quiet
Turbine Inside



Integrated Power
Supply Solution



Built-in Battery,
With Extended
Backup Option



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 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

