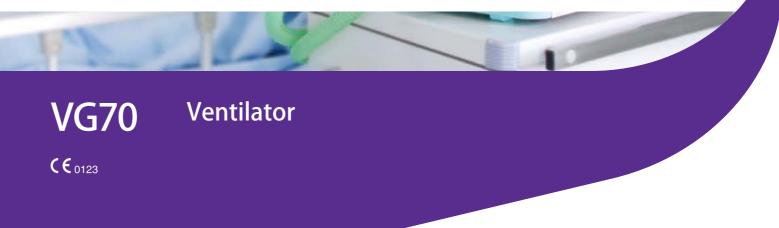
# Technical Specification

|                          | 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                                     |
|                          |   |
| 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 <sub>2</sub> :     | 21%~100%  |
| Trigger Sensitivity:     | Pressure (-20~0 cmH <sub>2</sub> O, above PEEP)                       |
|                          | Flow (0.5~20 LPM)   |
| • PEEP:                  | 0~35 cmH <sub>2</sub> O   |
| Psupport:                | 0~70 cmH <sub>2</sub> O   |
| Pinsp:                   | 5~70 cmH <sub>2</sub> O   |
|                          |   |
|                          | Apnea Ventilation Smart Suction Manual Breath                         |
|                          | Insp/ Exp Hold ETCO <sub>2</sub> Measurement                          |
|                          | Nebulization Waveform Freeze  |
|                          |   |
| 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 <sub>2</sub> , ETCO <sub>2</sub>                                  |
| Calculated Values:       | Compliance(C)   |
|                          | Resistance(R)   |
|                          | MVleak  |
|                          | RSBI  |
|                          | WOB DEED:   |
|                          | PEEPi   |
|                          | Paw high / low MVe high / low Circuit disconnee                       |
|                          | FiO <sub>2</sub> high / low Inspiration / Expiratory tidal volume low |
|                          | High Respiration Rate Apnea AC Failure Nebulizer On                   |
|                          | Low Battery Air /O <sub>2</sub> supply down High / Low PEEP           |
|                          | Leakage out of range Occlusion  |
|                          |   |
| Screen:                  | 12" TFT color touch screen (detachable)                               |
| Supply Gas:              | O <sub>2</sub> , 0.28~0.6 MPa   |
| Power Supply:            | AC100~240 V, 50 Hz/60 Hz  |
| Communication Interface: | RS-232 Port, Nurse call Port, Ethernet Port                           |
| Dimension (WxDxH):       | 322 mm x 375 mm x 366 mm (Main Unit)                                  |
| X /                      | 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.



# An Optimal Combination of Invasive and Noninvasive Ventilator



# Superior Mobile ICU ventilator

- Comprehensive ICU ventilator including BIVENT and PRVC
- · Compact, big capacity battery, no air compressor, intra-hospital mobility
- · Flexible device configuration: equipped on a trolley, bed or ceiling pendant

## Cost Effective Solution

- Unique metal-based, autoclavable, heated 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

the ICU

# Optimal patient-ventilator synchrony, increase patient comfort

- The Unique Leak Compensation System Keep precise control on the tidal volume of each breath delivered to the patient by adjusting compensation dosage automatically
- Advanced Trigger Technique Enhance sensitivity, avoid spurious triggering



### Safe Ventilation Through Whole Treatment Phase

#### Initial Treatment Phase

- · Noninvasive ventilation mode associated with decreased intubation rates, shortened patient stays, improved patient comfort, and a reduced risk of cross infection
- Preset patient's height and IBW. Reduce clinician's workload

### 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

- Data export port provides connection to hospital monitors and Patient Data Management Systems
- · Provides pressure support for the patient when spontaneous breathing is present

• 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



Multi-parameter Monitoring







