## Technical Specification

### Ventilation Modes

<table>
<thead>
<tr>
<th>Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>VCV(A/C)</td>
</tr>
<tr>
<td>PCV(A/C)</td>
</tr>
<tr>
<td>PRVC</td>
</tr>
<tr>
<td>SIMV(VCV)+PSV</td>
</tr>
<tr>
<td>SIMV(PCV)+PSV</td>
</tr>
<tr>
<td>SIMV(PRVC)+PSV</td>
</tr>
<tr>
<td>SPONT+CPAP+PSV</td>
</tr>
<tr>
<td>BIVENT+PSV</td>
</tr>
<tr>
<td>NIV/CPAP</td>
</tr>
<tr>
<td>NIV-T</td>
</tr>
<tr>
<td>NIV-S/T</td>
</tr>
</tbody>
</table>

### 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 cmH2O, above PEEP)
- **Flow** (0.5~20 LPM)
- **PEEP**: 0~35 cmH2O
- **Pinsp**: 0~70 cmH2O
- **Psupport**: 0~70 cmH2O

### Special Procedures

- Apnea Ventilation
- Smart Suction
- Manual Breath
- Insp/ Exp Hold
- ETCO2 Measurement
- Nebulization
- Waveform Freeze

### Monitoring

- **Pressure Value**: Ppeak, Pplat, Pmean, Pmin, PEEP
- **Volume / Flow Value**: Vt, Vte, MV
- **Real Time Curves**: Pressure-Time, Flow-Time, Volume-Time waveforms
- **Gas Monitoring**: FiO 2, ETCO2
- **Calculated Values**: Compliance(C), Resistance(R), MVleak, RSBI
- **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, Air/O 2 supply down, High / Low PEEP

### Technical Data

- **Screen**: 12” TFT color touch screen (detachable)
- **Supply Gas**: O2, 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), 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.
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

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