

**STERNMED®**



**Vento 62**  
Ventilator



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# STERNMED®



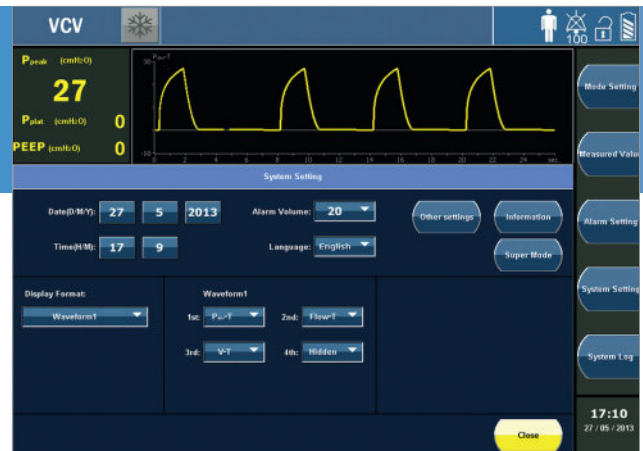
## Vento 62 Ventilator

The Vento 62 is an advanced adult and pediatric ventilator with various ventilation modes to fulfill all requirements of intensive patient care units.

The system is equipped with a 15" TFT touch screen monitor.

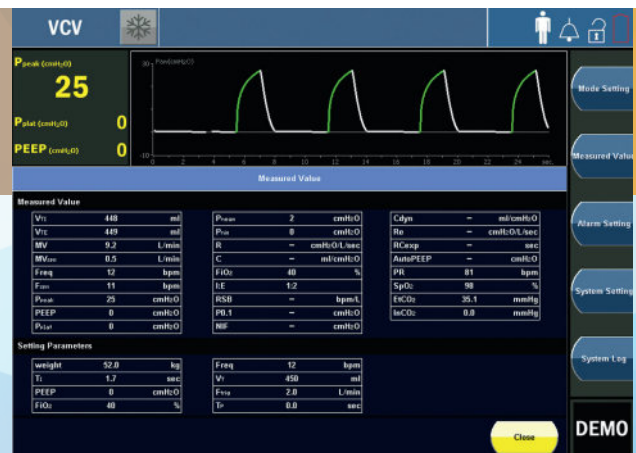
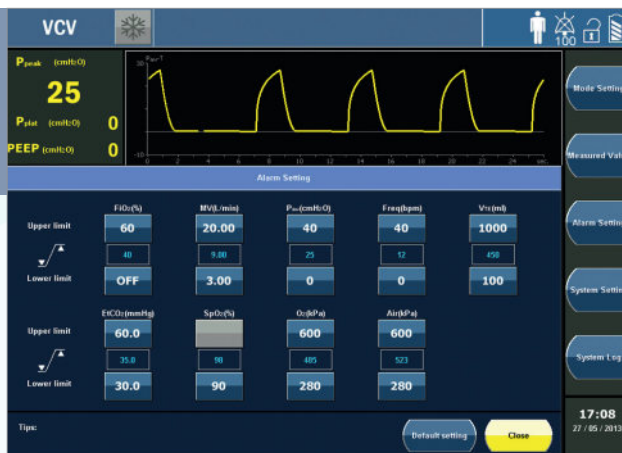
## POWERFUL FEATURES

- Close-loop control system
- Key components are from world leading manufacturers
- Proportional valve control technology.
- Multiple pressure and volume automatic protective system
- Comprehensive alarm system
- 3-level graded and color coded alarms for different risks
- 15 inch screen TFT screen
- Touch screen & navigation wheel
- Setting parameters display is subject to ventilation modes
- System log could record 100 settings/alarms.
- Keep inspiration & expiration hold for 30s.
- Powerful Function with Various ventilation modes
- Supports patient weight between 5 to 150 Kg



## OPTIONS

- Co<sub>2</sub> module (optional): Etco<sub>2</sub>
- Spo<sub>2</sub> module(optional): SpO<sub>2</sub> , PR
- SpO<sub>2</sub> low (optional),
- EtCO<sub>2</sub> high/low (optional)
- Air compressor
- Nebulizer



## TECHNICAL SPECIFICATIONS

### Vento 62 | SternMed Ventilator

|                         |  |
|-------------------------|--|
| Weight (base unit)      | 45kg   |
| Dimensions (H x W x D)  | 1450 x 590 x 550 mm  |
| Power supply            | 100 - 240VAC, 50/60Hz, 1A (Max)  |
| Battery (Lithium)       | Minimum 120 minutes  |
| Patient type            | Adult, Pediatric (>5kg)  |
| Ventilation modes       | VCV, PCV, SIMV(V)+PS, SIMV(P)+PS, Sigh, Spont/CPAP, PRVC, DualPAP, NPPV, Standby, Manual   |
| Tidal Volume            | 20-2000ml  |
| Ventilation frequency   | 1-100bpm   |
| Inspiration time        | 0.1-10S (increment:0.1S)   |
| FiO <sub>2</sub>        | 21% - 100%   |
| Flow trigger            | 0.5-20L/Min  |
| Pressure trigger        | - 20 - 0 cm H <sub>2</sub> O   |
| Pressure control        | 5-70 cm H <sub>2</sub> O   |
| Pressure support        | 0-70 cm H <sub>2</sub> O   |
| Electronic PEEP         | 0-50 cm H <sub>2</sub> O (increment: 1cm H <sub>2</sub> O)   |
| Nebulizer               | 30 minutes   |
| Direct access function  | 100% O <sub>2</sub> 2 min, Inspiration hold, Expiration hold, Manual, Freeze, Lock   |
| Monitoring              | Volume: VTI, VTE, MV, MVspont. Pressure: Ppeak, Pmean, Pplat, Pmin, PEEP, Freq, fspont, I:E, FiO <sub>2</sub> , Compliance, Resistance<br>Co <sub>2</sub> module (optional): EtCO <sub>2</sub><br>SpO <sub>2</sub> module (optional): SpO <sub>2</sub> , PR  |
| Waveform                | P-T, F-T, V-T, Optional: SpO <sub>2</sub> -T, EtCO <sub>2</sub> -T   |
| Loop                    | P-V, F-V, F-PV Optional: Volume-EtCO <sub>2</sub>  |
| Trend                   | Peak, FiO <sub>2</sub> , PEEP, MV, VTE, VTI  |
| System Log              | 500 events (setting and alarm)   |
| Alarm                   | Audio and visual alarms with three levels<br>Volumes: VTE high/low, MV high/low; Pressure: Paw high/low<br>O <sub>2</sub> supply pressure high/low. Air supply pressure high/low<br>Apnea, Continuous high airway pressure<br>Freq high/low FiO, high/low<br>SpO <sub>2</sub> low (optional), EtCO <sub>2</sub> high/low (optional)<br>Power: AC power failure, Low battery power, Exhausted battery failure |
| Communication Interface | VGA, RS232, RJ45, Debugging  |
| Screen                  | 15 inch TFT touch screen   |



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