



***STERNMED***®



**Vento 62**  
ventilator



[www.sternmed.de](http://www.sternmed.de)

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## **Vento 62** ventilator

**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.**

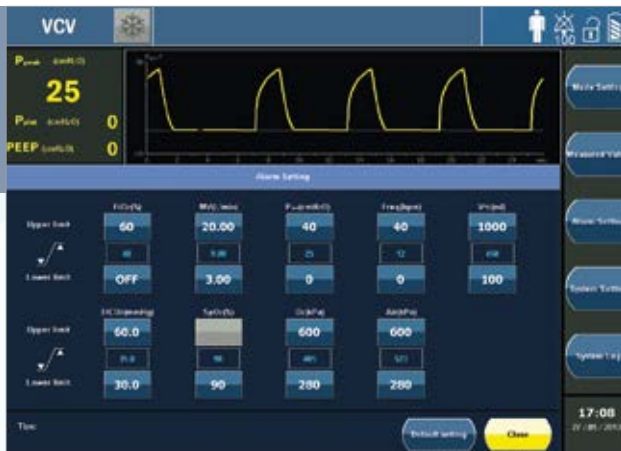
## POWERFUL FEATURES

- 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 × 590 × 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 Co <sub>2</sub> module (optional): EtCO <sub>2</sub> 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 Volumes: VTE high/low, MV high/low; Pressure: Paw high/low O <sub>2</sub> supply pressure high/low. Air supply pressure high/low Apnea, Continuous high airway pressure Freq high/low FiO, high/low SpO <sub>2</sub> low (optional), EtCO <sub>2</sub> high/low (optional) 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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