

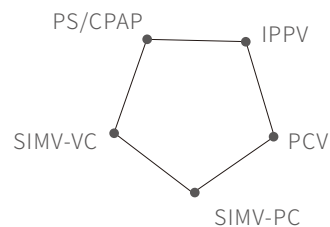


Reliable breathing system

- Integrated sensors, non-consumable design
- Large capacity CO₂ absorber which is easy to disassemble
- Effectively reduce the capacity of the system and increase the concentration of anesthetic
- Low resistance inspiration and expiration valves make it more sensitive to support pediatric ventilation

Excellent ventilation management

Comprehensive ventilation modes ensure flexibility in the different anesthetic phases



The system monitors the EtCO₂ values and adjusts the parameter to maintain the set EtCO₂ target values.



Spirometry loops and waveforms make it more intuitive on showing the ventilation effectiveness.



Lung recruitment maneuvers include sustained inflation and PEEP increment.

Technical Specifications

Physical & Environmental Specifications

| | |
|------------------------|--------------------|
| • Dimensions(H×W×D): | 1356×845×620mm |
| • Weight: | 110kg (Basic unit) |
| • Storage temperature: | -20~55°C |
| • Working temperature: | 10~40°C |
| • Storage humidity: | ≤93% |

Electrical Specifications

| | |
|-----------------|------------------------|
| • Mains: | AC 100~240V, 50/60Hz |
| • Battery: | DC 24V, minimum 120min |
| • Mains outlet: | 3 |

Pneumatic Specifications

| | |
|-----------------------------|---|
| • Gas supply: | 0.28~0.6MPa |
| • Flowmeters(basic config): | O ₂ : 0~1L/min; 1~10L/min N ₂ O: 0~1 L/min; 1~10L/min |
| • Flowmeters(Full config): | O ₂ : 0~1L/min; 1~10L/min N ₂ O: 0~1 L/min; 1~12L/min Air: 0~1 L/min; 1~15L/min |

| | |
|-------------------|---|
| • Gas system: | O ₂ supply failure alarm O ₂ supply failure protection O ₂ flush: 25~75L/min |
| • Working mode: | Closed, Semi-closed, Semi-open |
| • Driven mode: | Pneumatically driven and electronically controlled |
| • Safety valve: | ≤10kPa |
| • Operating mode: | Man. /Vent. |
| • Cylinder yokes: | Optional |

Ventilator Specifications

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|------------------------------------|---|
| • Patient type: | Adult, pediatric |
| • Ventilation modes(basic config): | IPPV, PCV, SIMV-VC, Manual, PS/CPAP (with apnea backup), Standby |

• Ventilation modes(full config):

| |
|--|
| IPPV, PCV, SIMV-VC, SIMV-PC, Manual, PS/CPAP (with apnea backup), Standby |
|--|

• Setting:

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|------------------------------|
| Navigator knob & touchscreen |
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• Tidal volume:

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| 20~1500ml |
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• Ventilation frequency:

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| 2~100bpm |
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• I:E ratio:

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|---------|
| 4:1~1:8 |
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• Electronic PEEP:

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|-----------------------------|
| OFF, 3~30cmH ₂ O |
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• Inspiratory plateau:

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|------------|
| OFF, 5~60% |
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• Flow trigger:

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|-----------|
| 1~15L/min |
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• Pressure range:

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|------------------------|
| 5~70cmH ₂ O |
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• Pressure support:

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|------------------------|
| 3~50cmH ₂ O |
|------------------------|

• Ventilation Monitoring: Pressure: Ppeak, Pplat, Pmean, PEEP

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|-----------------|
| Volumes: MV, Vt |
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| |
|-----------------------|
| Respiratory frequency |
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| Compliance, etc. |
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• Gas Monitoring: O₂, CO₂, Agent (All optional)

• Graph display(basic config): P-t, F-t, V-t waveforms

• Graph display(full config): P-t, F-t, V-t waveforms,

| |
|-------------------|
| P-V and F-V loops |
|-------------------|

• Alarm: High/Low Airway Pressure

High/Low Minute Volume

High/Low FiO₂ (when FiO₂ function is enabled)

Power failure, O₂ Supply failure, Apnea, etc.

Remark: Above configurations include standard and option. Please check price with your Aeonmed sales representative.

Vaporizer

• Support 2 vaporizers (Selectatec® with interlock)

• Optional additional 1 vaporizer holder

• Agent type: Halothane, Enflurane, Isoflurane, Sevoflurane

• Filling type: Pour-fill, Key-fill, Quik-fil®

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