



Aeon8300A

Anesthesia Machine

CE<sub>0123</sub>

**AEOMED**  
Reliable Quality Thoughtful Service

- CE certificate, meets EU clinical requirements
- Compact, ergonomic design, convenient mobility
- Comprehensive ventilation modes including PCV-VG and SIMV-PC provide more options for respiratory management
- 10.4" TFT LCD color touchscreen, Multi-angle adjustable, highlighted display
- Alloy breathing system: easy to remove and clean, fully autoclavable
- Continuous trend information is stored and shown in table and chart
- The constant temperature-heating system prevents moisture condensation, allowing for undisturbing monitoring and increasing patient comfort

## Technical Specifications

| Physical & Environment Specifications                                    | Ventilator Specifications                                                                                                                                                                                                   |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| • Dimensions(HxWxD): 1300x800x630mm<br>(without YOKE)                    | • Driven Mode: Pneumatically driven and Electronically controlled                                                                                                                                                           |
| • Weight: 100kg (basic unit)                                             | • Patient Types: Adult and Pediatric                                                                                                                                                                                        |
| • Operation Temperature: 10~40°C                                         | • Ventilation Modes: IPPV, PCV, SIMV-VC, PS/CPAP and Manual<br>optional: SIMV-PC, PCV-VG                                                                                                                                    |
| • Operation Humidity: ≤80% (noncondensing)                               | • Tidal Volume: 20~1500ml                                                                                                                                                                                                   |
| • Storage Temperature: -20~60°C                                          | • Frequency: 2~100bpm                                                                                                                                                                                                       |
| • Storage Humidity: ≤95% (noncondensing)                                 | • I:E: 4:1~1:8                                                                                                                                                                                                              |
| <b>Electrical Specifications</b>                                         | • P(inspired) : 5~70cmH <sub>2</sub> O                                                                                                                                                                                      |
| • Mains: AC 100~240V, 50/60Hz                                            | • P(support) : 3~50cmH <sub>2</sub> O                                                                                                                                                                                       |
| • Battery: DC 24V 4Ah, minimum 120min                                    | • PEEP: OFF, 3~30cmH <sub>2</sub> O                                                                                                                                                                                         |
| • Outlets: 3 on back, 1.5A individual                                    | • Tslope: 0~2s                                                                                                                                                                                                              |
| <b>Pneumatic Specifications</b>                                          | • Inspiration pause: OFF, 5%~60%Ti                                                                                                                                                                                          |
| • Gas Supply: 280 ~ 600kPa (40.6 ~ 87.1psi)                              | • Trigger: 1~15L/min                                                                                                                                                                                                        |
| • Flowmeters: Double tube in series with backlight                       | • Compensation: Compliance and leakage compensation,<br>fresh gas and altitude compensation                                                                                                                                 |
| O <sub>2</sub> : 0~1L/min, 1~10L/min                                     | <b>Ventilator Monitoring &amp; Alarms</b>                                                                                                                                                                                   |
| N <sub>2</sub> O: 0~1L/min, 1~10L/min                                    | • Pressure: P <sub>aw</sub> , P <sub>peak</sub> , P <sub>plat</sub> , P <sub>mean</sub> , PEEP                                                                                                                              |
| Air: 0~1L/min, 1~12L/min                                                 | • Volumes: MV, Vt, Freq                                                                                                                                                                                                     |
| • Auxiliary O <sub>2</sub> : 0~12L/min                                   | • Gas: FiO <sub>2</sub>                                                                                                                                                                                                     |
| • Gas System: Oxygen supply failure protection                           | • Optional: CO <sub>2</sub> , AG, MAC                                                                                                                                                                                       |
| • O <sub>2</sub> flush: 25~75L/min                                       | • Graph Display: P-t, F-t, V-t Waveforms<br>P-V, F-V, P-F Loops                                                                                                                                                             |
| • ACGO: Optional auxiliary common gas outlet                             | • Alarm: Audible and Visual alarms<br>High/Low Airway Pressure<br>Continuous Airway Pressure<br>High/Low Minute Volume<br>High/Low FiO <sub>2</sub><br>High Freq<br>O <sub>2</sub> Supply Failure<br>Power Failure<br>Apnea |
| • AGSS: Optional                                                         | • Alarm Silence: ≤120 seconds                                                                                                                                                                                               |
| <b>Breathing System Specifications</b>                                   | <b>Vaporizer</b>                                                                                                                                                                                                            |
| • Operating Modes: Closed, Semi-closed, Semi-open                        | • Supports two vaporizers (optional standby vaporizer parking holder)                                                                                                                                                       |
| • CO <sub>2</sub> Canister: Single canister 1.5L                         | • Agent: Sev. Enf. Iso. Hal.                                                                                                                                                                                                |
| • APL Range: Spontaneous breathing (SP) -70 cmH <sub>2</sub> O           | • Installation Mode: Selectatec® with interlock                                                                                                                                                                             |
| • Material: Autoclavable (except O <sub>2</sub> cell and pressure gauge) | • Filling Type: Pour-Fill, Key-Fill, Quik-Fil®                                                                                                                                                                              |
| • CO <sub>2</sub> Bypass: Optional                                       |                                                                                                                                                                                                                             |



Remark: Above configurations include both standard and optional features. Please consult your Aeonmed sales representative for pricing.

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