



Aeon8600A

Anesthesia Machine

CE 0123

AEOMED
Reliable Quality Thoughtful Service

- PCV and SIMV+PS modes ensure flexibility in ventilation, suitable for both pediatric and adult operations
- Flowmeter with backlight, suitable for endoscopy surgery etc.
- Breathing system heater to avoid condensation build-up during low-flow anesthesia
- Enhances usability with auxiliary oxygen, suction, auxiliary power source, monitor arm (optional) etc.
- Optional CO₂ and anesthetic gas analyzer
- With CE certificate, meets EU clinical requirements

Technical Specification

Physical & Environment Specifications

- Dimensions (W×H×D): 704 mm × 1403 mm × 750 mm
- Weight: 115kg (including trolley base and 2 vaporizers, without cylinder)
- Operation Temperature: 10 ~ 40 ° C
- Operation Humidity: ≤ 80% (non-condensing)
- Storage Temperature: -20 ~ 55 ° C
- Storage Humidity: ≤ 93% (non-condensing)

Electrical Specifications

- Mains: 100 ~ 240 V AC, 50/60 Hz
- Battery: 24V DC, minimum 120 min
- Outlets: 4 on back, 1.5A individual

Pneumatic Specifications

- Gas Supply: Air, O₂, N₂O; 280 kPa ~ 600 kPa
- Flowmeters: O₂ Range: 0~1 L/min; 1 ~ 10 L/min
N₂O Range: 0~1 L/min; 1 ~ 10 L/min
Air Range: 0~1 L/min; 1 ~ 12 L/min
Auxiliary O₂ Range: 0 ~ 15 L/min
- Gas System: Flowmeter backlight
Oxygen supply failure alarm
N₂O cut-off system
O₂ flush: 25 ~ 75 L/min
- ACGO: Optional auxiliary common gas outlet
- AGSS: Optional anesthetic gas scavenging system

Breathing System Specifications

- Operational Modes: Closed, Semi-closed, Semi-open
- CO₂ Canister: 2 Loose fill (3 L) or 2 prepacks, optional single canister (1.5 L)
- APL Range: Spontaneous breathing (SP) -70 cmH₂O
- Material: Autoclavable (except O₂ cell and airway pressure gauge)
- CO₂ bypass: Optional

Ventilator Specifications

- Driven Mode: Pneumatically driven and electronically controlled
- Patient Types: Adult, Pediatric
- Ventilation Modes: IPPV, PCV, SIMV+PS, PS and Manual
- Setting Modes: Touch key & navigator wheel knob
- Tidal Volume: 20 ~ 1500 ml
- Ventilation Frequency: 4 ~ 100 bpm
- I:E Ratio: 4:1 ~ 1:8
- Pressure (inspired) Range: 5 ~ 70 cmH₂O
- Pressure (support) Range: 3 ~ 50 cmH₂O
- PEEP: Off, 3 ~ 30 cmH₂O
- Tslope: 0 ~ 2 s
- Inspiratory Plateau: Off, 5% ~ 60% Ti
- Trigger Sensitivity: 1 ~ 15 L/min
- Compensation: Compliance and leakage compensation, fresh gas compensation and altitude compensation

Ventilator Monitoring

- Display: 10.4" TFT color screen
- Pressure: P_{peak}, P_{plat}, P_{mean}, PEEP
- Volumes: MV, Vt, Freq
- Gas: O₂ Concentration, optional CO₂, Agent and MAC
- Graph Display: P-t, F-t, P-V, F-V loops (can be saved), optional CO₂-t
- Alarm: High Airway Pressure/Low Airway Pressure
Continuous airway pressure
High Minute Volume/Low Minute Volume
High FiO₂/Low FiO₂
High Breath Rate
O₂ Supply failure
Power failure
Apnea Alarm
Alarm Silence: 110 s

Vaporizer

- Supports two vaporizers
- Agent: Halothane, Enflurane, Isoflurane, Sevoflurane
- Installation Mode: Selectatec® with interlock, optional standby vaporizer parking holder
- Filling Type: Pour Fill, Key Fill, Quik-Fil®

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



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