

Aeon8600A

Anaesthesia Workstation



- PCV and SIMV+PS modes ensure flexibility in ventilation, machine doable for both pediatric and adult operation
- Optional functions monitoring CO₂ ,and anesthetic gas
- Flowmeter provides minimum 20% concentration of oxygen in O₂ /N₂O mixture
- Absorb system easy to removal and clean, fully autoclavable, optional CO₂ bypass
- Enhances usability with auxiliary oxygen, suction, auxiliary power source, monitor arm, infusion pump etc.
- CE marked, meets EU clinical requirement

Technical Specifications

Physical & Environment Specifications

- Dimensions(W×H×D): 704mm × 1403mm × 750mm (without YOKE)
- Weight: 100kg (basic unit)
- Operation Temperature: +10~+40°C
- Operation Humidity: ≤80% (noncondensing)
- Storage Temperature: -20~+60°C
- Storage Humidity: ≤95%(noncondensing)

Electrical Specifications

- Mains: 100-240V AC, 50-60Hz
- Battery: 24V 5Ah, minimum 120 min
- Outlets: 4 on back, 1. 5A individual

Pneumatic Specifications

- Gas Supply : Air,O₂,N₂O; 280kPa - 600kPa
- Flowmeters: O₂ Range: 0-1L/min; 1-10L/min
N₂O Range: 0-1L/min; 1-10L/min
Air Range: 0-1L/min; 1-12L/min
Auxiliary O₂ Range: 0 -12 L/min
Flowmeter backlight
- Gas System: Oxygen supply failure alarm
Oxygen supply failure protection
O₂ flush: 25-75L/min
- ACGO: Option Auxiliary common gas outlet
- AGSS: Option Anesthetic Gas Scavenging System

Breathing System Specifications

- Operational Modes: Closed, Semi-closed, Semi-open
- CO₂ Absorbent Canister: 2 Loose fill(3L) or 2 prepacks
- APL Range: Spontaneous breathing (SP) -70cmH₂O
- Material: Autoclavable (except O₂ fell cell and mechanical pressure meter)
- Heating system: Option
- CO₂ bypass: Option

Ventilator Specifications

- Driven Modes: Pneumatically driven and electronically control
- Patient Types: Adults and Pediatric populations weighing above 2kg
- Ventilation Modes: IPPV, PCV, SIMV, PS, and Manual
- Setting Modes: Touch key & navigator wheel knob
- Tidal Volume: 20-1500ml
- Ventilation Frequency: 4-100bpm
- I:E Ratio: 4:1-1:8
- Pressure (inspired) Range:5-70cmH₂O
- Pressure (support) Range: 3- 50cmH₂O
- P_{peep}: off,3-30 cmH₂O
- Tslope: 0-2s
- Inspiratory Plateau: off, 5%-60%Ti
- Trigger Sensitivity: 1-15L/min
- Compensation: Compliance and Leak compensation, fresh gas compensation, elevation compensation

Ventilator Monitoring

- Display: 10.4" TFT color screen
- Pressure: Paw, Peak, Pplat, Pmean, PEEP
- Volumes: MV, Vt
- Gas: FiO₂,Option:Paramagnetic FiO₂ ,EtCO₂, AG
- Graph Display: P-T, F-T&P-V,F-V loops, Option:Wave of CO₂
- Alarm: High Airway Pressure/Low Airway Pressure
Sustained airway pressure
High Minute Volume/Low Minute Volume
High FiO₂/Low FiO₂
High Breath Rate
O₂ Supply failure
Power failure
Apnea Alarm
Alarm Silence: 120 seconds

Vaporizer

- Support 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.

aeonmed
Beijing Aeonmed Co.,Ltd.

Office (Headquarters):
Add: 11B2, Fengtai Science Park,(100070) Beijing, China
Tel: +86-10-8368 1616 Fax: +86-10-6371 8989
http://www.aeonmed.com E-mail: int@aeonmed.com

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