

Aeon8600A

Anaesthesia Workstation



- PCV and SIMV+PS modes ensure flexibility in ventilation, machine doable for both pediatric and adult operation
- Optional functions monitoring O_2 , CO_2 , and anesthetic gas
- Flowmeter provides minimum 25% concentration of oxygen in O_2/N_2O mixture
- Absorb system sterilized with high temperature and high pressure
- 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
- Weight: 115kg (including trolley base and 2 vaporizers, without cylinder)
- Operation Temperature: +10~+40°C
- Operation Humidity: ≤80% (noncondensing)
- Storage Temperature: -20~+55°C
- Storage Humidity: ≤93%(noncondensing)

Electrical Specifications

- Mains: 100-240V AC, 50-60Hz
- Battery: 24V 5Ah, minimum 120 min

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 -15 L/min
- Gas System: Flowmeter backlight
Low O₂ signal
N₂O-cut-off system
O₂ flush: 25-75L/min

Breathing System Specifications

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

Ventilator Specifications

- Driven Modes: Pneumatically driven and electronically control
- Patient Types: Adult, Pediatric
- 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
- PEEP: off, 3-30 cmH₂O
- Tslope: 0-2s
- Inspiratory Plateau: off, 5%-60%Ti
- Trigger Sensitivity: 1-15L/min
- Peak Gas Flow: 75 L/min
- Compensation: Compliance compensation, fresh gas compensation

Ventilator Monitoring

- Display: 10.4" TFT color screen
- Pressure: Paw, Peak, Pplat, Pmean, PEEP
- Volumes: MV, Vt
- Gas: O₂ Concentration, CO₂ Concentration, Anaesthesia Agent Concentration
- Graph Display: P-T, F-T&P-V, F-V loops(can be saved), Wave of CO₂

Alarm

- Pressure: Paw high/low limit
- Volumes: MV high/low limit
- Gas: FiO₂ high/low limit
- Power failure
- Apnea Alarm: 60 seconds
- Alarm Silence: 110 seconds

Vaporizer

- Support two vaporizers
- Agent: Halothane, Enflurane, Isoflurane, Sevoflurane
- Installation Mode: Selectatec with interlock
- 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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