

Aeon7500A

Anaesthesia Machine



- The first anaesthesia workstation by China manufacturer
- SIMV mode with flow-trigger
- Independent 10.4" screen, flexible monitoring angle
- CE marked, meets clinical safety requirement of EU
- Advanced electromagnetic valve ensures accurate tidal volume and compensation
- Parameters monitored: P-T, F-T, V-T waveforms & P-V, F-V loops

Technical Specification

Physical & Environmental Specification

- Dimensions(W×H×D): 930×1354×620mm
- Weight: 120kg
- Storage temperature: -10~+55℃
- Working temperature: +10~+40℃
- Storage humidity: ≤93%

Electrical Specification

- Main power: 110-240V AC, 50/60Hz
- Battery(option): 24V DC, minimum 90 min
- Power consumption: ≤70W

Pneumatic Specification

- Gas supply: O₂, N₂, AIR: 0.28-0.6Mpa
- Flow meters: O₂: 0-1L/min; 1-10L/min
N₂O: 0-1L/min; 1-10L/min
AIR: 0-10L/min
- Gas system: O₂ deficiency alarm
Hypoxic guard system
O₂ flush: 25-75L/min
- Working mode: Closed, Semi-closed, Semi-open
- Driven mode: Pneumatically driven and electronically controlled
- Operating mode: Man. / Vent.
- Safety valve: ≤8kpa

Ventilator Specification

- Patient type: Adult, pediatric
- Ventilation modes: IPPV, PLV, SIMV (flow-trigger), Manual
- Setting: Touch key & navigator wheel knob
- Tidal volume: 50-1500ml
- Ventilation frequency: 4-100bpm
- I:E ratio: 2:1-1:8
- Pressure range: 5-70cmH₂O
- PEEP: 0-20 cmH₂O
- Inspiratory plateau: off, 5%-60%Ti
- Trigger sensitivity: 2-30L/min
- High pressure: 20-80cmH₂O
- Low pressure: 0-20cmH₂O
- Monitoring: Display: 10.4" TFT color screen
Pressure: P_{peak}, P_{plat}, PEEP
Volumes: MV, V_t
Breath rate
Gas: FiO₂
Compliance
Graph display: P-T, F-T, V-T waveforms&P-V, F-V loops
- Alarm: Pressure: P_{aw} high/low limit
Volume: MV high/low limit,
High/Low limit of breath rate
Gas: FiO₂ high/low limit
Low O₂ supply pressure
Airway malfunction
Power failure

Vaporizer

- Support 2 vaporizer (Selectatec compatible)
- Agent type: Halothane, Enflurane, Isoflurane , Sevoflurane available

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

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