

# Aeon7700A

## Anaesthesia Machine



- CE marked, meets EU clinical requirement
- Suitable for pediatric and adult operation
- ICU level SIMV with flow trigger provides the synchronized ventilation in recovery stage
- Constant temperature maintaining function in the CO<sub>2</sub> absorption system avoids water vapor coagulation and increases patient comfort
- Supports oxygen through entire operation for general, local, and spinal anesthesia process
- Optional selection of O<sub>2</sub>, CO<sub>2</sub> and anesthetic gas monitoring function



# Technical Specification

## Physical & Environmental Specification

- Dimensions(W×H×D): 1000×1400×770mm
- Weight: 148kg
- Storage temperature: -22~+55℃
- Working temperature: +10~+40℃
- Storage humidity: ≤93%

## Electrical Specification

- Mains: 100-240V AC, 50/60Hz
- Battery: 24V DC, minimum 120min
- Power consumption: 10A Max

## Pneumatic Specification

- Gas supply: O<sub>2</sub>, N<sub>2</sub>O, Air : 0.28-0.6Mpa
- Flowmeters: O<sub>2</sub>:0-1L/min; 1-10L/min  
N<sub>2</sub>O:0-1L/min; 1-10L/min  
Air: 0-1L/min; 1-12L/min
- Gas system: O<sub>2</sub> deficiency alarm  
Hypoxic guard system  
O<sub>2</sub> 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, PCV, SIMV (flow-trigger), PS, Manual
- Setting: Touch key & navigator wheel knob
- Tidal volume: 20-1500ml
- Ventilation frequency: 2-100bpm
- I:E ratio: 4:1-1:8
- Pressure control: 5-70cmH<sub>2</sub>O
- PEEP: off, 3-30 cmH<sub>2</sub>O
- Inspiratory plateau: off, 5%-60%Ti
- Trigger sensitivity: 1-15L/min
- High pressure: 10-80cmH<sub>2</sub>O
- Low pressure: 0-70cmH<sub>2</sub>O
- Monitoring: Display: 10.4" TFT color screen  
Pressure: P<sub>peak</sub>, P<sub>plat</sub>, P<sub>mean</sub>, PEEP  
Volume: MV, V<sub>t</sub>  
Breath rate  
Gas: FiO<sub>2</sub>  
Compliance  
Graph display: P-T, F-T waveforms; P-V, F-V loops, Waveform Save
- Alarm: Pressure: P<sub>aw</sub> high/low limit  
Volumes: MV high/low limit  
High limit of breath rate  
Gas: FiO<sub>2</sub> high/low limit  
Apnea  
Airway pressure high  
High PEEP level  
Power failure  
Low O<sub>2</sub> supply pressure

## 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.

**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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