



- PCV and SIMV modes ensure flexibility in ventilation, machine doable for both pediatric and adult operation
- Optional functions monitoring, O₂, CO₂ and anesthetic gas
- Flowmeter provides minimum 25% 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, arm for monitor, infusion pump etc.
- CE marked, meets EU clinical requirement.

Aeon8100A

Anaesthesia Workstation

CE 0123 An ISO9001/13485 Company

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Reliable Quality Thoughtful Service

Technical Specification

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:	3 on back, 1. 5A individual

Pneumatic Specifications

• Gas Supply :	Air,O ₂ ,N ₂ O; 280kPa - 600kPa
• Flowmeters:	O ₂ Range: 0-1L/min; 1-10L/min N ₂ O Range: 0-1L/min; 1-10L/min Air Range: 0-1L/min; 1-12L/min Auxiliary O ₂ Range: 0 -12 L/min Flowmeter backlight
• Gas System:	Oxygen supply failure alarm Oxygen supply failure protection O ₂ flush: 25-75L/min
• ACGO:	OptionAuxiliary common gas outlet
• AGSS:	Option Anesthetic Gas Scavenging System

Breathing System Specifications

• Operational Modes:	Closed, Semi-closed, Semi-open
• CO ₂ Absorbent Canister:	2 Loose fill(3L) or 2 prepacks
• APL Range:	Spontaneous breathing (SP) -70 cmH ₂ O
• Material:	Autoclavable (except O ₂ fell cell and mechanical pressure meter)
• Heating system:	Option
• CO ₂ 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, 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:	5-70cmH ₂ O
• Pressure (support) Range:	3- 50cmH ₂ O
• Ppeep:	off,3-30 cmH ₂ O
• Tslope:	0-2s
• Inspiratory Plateau:	off, 5%-60%Ti
• Trigger Sensitivity:	1-15L/min
• Compensation:	Compliance and Leak compensation, fresh gas compensation, elevation compensation

Monitoring Specifications

• Display:	10.4" TFT color screen
• Pressure:	Paw, Peak, Pplat, Pmean, PEEP
• Volumes:	MV, Vt
• Gas(Optional):	FiO ₂ , EtCO ₂ , AG
• Graph Display:	Wave of P-T,F-T, Option:Wave of CO ₂
• Alarm :	High Airway Pressure/Low Airway Pressure Sustained airway pressure High Minute Volume/Low Minute Volume High FiO ₂ /Low FiO ₂ High Breath Rate O ₂ 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.



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