

Technical Specifications

Physical & Environment Specifications

• Dimensions(H×W×D):	1403x681x855mm
• 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:	AC 100~240V, 50/60Hz
• Battery:	DC 24V 4Ah, minimum 120min
• Outlets:	3 on back, 1.5A individual

Pneumatic Specifications

• Gas Supply:	280 ~ 600kPa (40.6 ~ 87.1psi)
• Flowmeters:	Double tube in series with backlight
	O ₂ : 0~1L/min, 1~10L/min
	N ₂ O: 0~1L/min, 1~10L/min
	Air: 0~1L/min, 1~12L/min
• Auxiliary O ₂ :	0~12L/min
• Gas System:	Oxygen supply failure protection
• O ₂ Flush:	25~75L/min
• ACGO:	Auxiliary common gas outlet
• AGSS:	Optional

Breathing System Specifications

• Operating Modes:	Closed, Semi-closed, Semi-open
• CO ₂ Canister:	Single canister 1.5L
• APL Range:	Spontaneous breathing (SP) -70 cmH ₂ O
• Material:	Autoclavable (except O ₂ cell and pressure gauge)
• CO ₂ Bypass:	Optional

Ventilator Specifications

• Driven Mode:	Pneumatically driven and Electronically controlled
• Patient Types:	Adult and Pediatric
• Ventilation Modes:	IPPV, PCV, SIMV-VC, PS/CPAP and Manual optional: SIMV-PC, PCV-VG

• Tidal Volume:	20~1500ml
• Frequency:	2~100bpm
• I:E:	4:1~1:8
• P(inspired) :	5~70cmH ₂ O
• P(support) :	3~50cmH ₂ O
• PEEP:	OFF, 3~30cmH ₂ O
• Tslope:	0~2s
• Inspiration Pause:	OFF, 5%~60%Ti
• Trigger:	1~15L/min
• Compensation:	Compliance and leakage compensation, fresh gas and altitude compensation

Ventilator Monitoring & Alarms

• Pressure:	P _{aw} , P _{peak} , P _{plat} , P _{mean} , PEEP
• Volumes:	MV, Vt, Freq
• Gas:	FiO ₂
• Optional:	CO ₂ , AG, MAC
• Graph Display:	P-t, F-t, V-t Waveforms
	P-V, F-V, P-F Loops
• Alarm:	Audible and Visual alarms
	High/Low Airway Pressure
	Continuous Airway Pressure
	High/Low Minute Volume
	High/Low FiO ₂
	High Freq
	O ₂ Supply Failure
	Power Failure
	Apnea
• Alarm Silence:	≤120 seconds

Vaporizer

• Supports two vaporizers (optional standby vaporizer parking holder)
• Agent: Sev. Enf. Iso. Hal.
• Installation Mode: Selectatec® with interlock
• Filling Type: Pour-Fill, Key-Fill, Quik-Fil®

Remark: Above configurations include both standard and optional features. Please consult your Aeonmed sales representative for pricing.



Aeon8300A

Anesthesia Workstation

CE 0123

AEOMED
Reliable Quality Thoughtful Service

The information contained in this leaflet is correct at the date to publication. The policy of Beijing Aeonmed Co., Ltd. is one of the continued improvement to its products. Because of this policy, Aeonmed reserves the right to make any change, which may affect the information in this leaflet without giving prior notices.
AAM8300A-2024.05

HQ: Building 9, No.26 Outer Ring West Road, Fengtai District, Beijing 100070, China
Science Park: No. 10, Chaobai Street, Yanjiao Development Zone, Sanhe City, Hebei Province
065201, China
TEL: +86-10-5841 1198 FAX: +86-10-8368 1616-8130
Http://www.aeonmed.com E-mail: marketing@aeonmed.com

AEOMED
Reliable Quality Thoughtful Service

Compact but powerful

- Meet EU clinical requirements with CE certificate
- Compact, ergonomic design, convenient mobility and fitted in different OR sizes
- Powerful anesthesia ventilator provides more choices for respiratory management
- 10.4" TFT LCD color touchscreen, rotatable and tilted with high-lighted display
- Alloy breathing system: easy to detach and clean, fully autoclavable
- Continuous trend information is stored and shown in table and chart
- The constant temperature-heating system prevents moisture condensation, allowing for undisturbing monitoring and increasing patient comfort



Powerful ventilation management

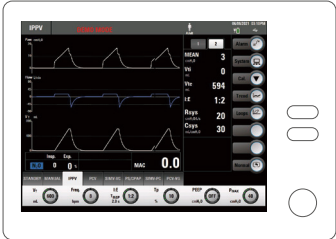
Modern anesthesia ventilator offers a wide variety of ventilation modes providing more options for respiratory management and complex ventilation care for the patients



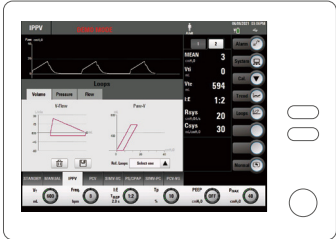
Easy to operate and observe

- 10.4-inch touch screen with multi-angle adjustment
- Dual tube flowmeter for each gas is suitable for various requirements such as Low-flow anesthesia
- APL valve with fast release function improves the efficiency of induction and resuscitation
- One-Key Switch from manual to mechanical ventilation
- Auxiliary common gas outlet (ACGO)* makes it more convenient for the use of semi-open circuit
- Integrated sockets for other medical equipment

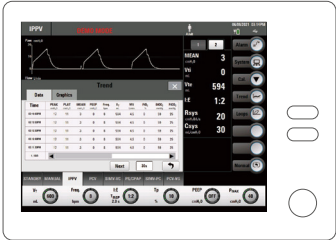
- More monitoring programs are available to help with clinical diagnosis, including resistance and compliance



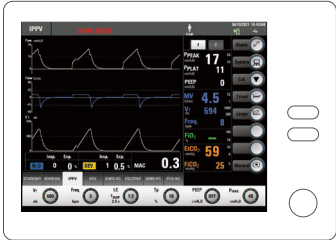
- Spirometry loops and waveforms make it more intuitive on showing the ventilation effectiveness



- Continuous trend information is stored and shown in tables and charts



- Multiple anesthetic gas monitoring. Mainstream or sidestream can be a flexible configuration



Advanced breathing system

- Modern designed alloy breathing system is easy to detach and fully autoclaved with anti-corrosion
- The integrated heating system with a better thermal conductivity of alloy helps prevent condensation and makes patients feel more comfortable
- Built-in non-consumable mass type flow sensor
- Ultra-light ceramic one-way valve is more sensitive to meet the respiratory management of pediatric anesthesia
- CO₂ bypass option supports replacement of soda lime intraoperatively for longer operating time

Security assurance and ergonomic compliance

- Support two vaporizers with interlocks, ensuring the safety while giving more flexible choices
- Optional AGSS provides more protection for OR environment
- Multiple safety mechanisms guarantee adequate oxygen supply
- Voltage and power fluctuation protection for a safer and longer usage time
- Pull - out stainless steel working table and folding table provide plenty of working space
- Top light and flowmeter backlight for dimly lit environments such as endoscopic surgeries

