

Aeon8300A

Anesthesia Machine

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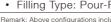
- CE certificate, meets EU clinical requirements
- · Compact, ergonomic design, convenient mobility
- Comprehensive ventilation modes including PCV-VG and SIMV-PC provide more options for respiratory management
- 10.4" TFT LCD color touchscreen, Multi-angle adjustable, highlighted display
- Alloy breathing system: easy to remove 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 undistrubing monitoring and increasing patient comfort

## Technical Specifications

Physical & Environ	nment Spe	ecifications	
<ul> <li>Dimensions(H×W×D):</li> </ul>		1300x800x630mm	
		(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 Specific	ations		
• Mains:	AC 100~240V, 50/60Hz		
Battery:	DC 24V 4Ah, minimum 120min		
Outlets:	3 on back, 1.5A individual		
Pneumatic Specifi	cations		
Gas Supply:	280 ~ 600kPa (40.6 ~ 87.1psi)		
Flowmeters:	Double tube in series with backlight		
	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	
<ul> <li>Auxiliary O<sub>2</sub>:</li> </ul>	0~12L/min		
Gas System:	Oxygen supply failure protection		
• O <sub>2</sub> flush:	25~75L/min		
• ACGO:	Optional auxiliary common gas outlet		
AGSS:	Optional		
Breathing System Specifications			
Operating Modes: Closed, Semi-closed, Semi-open			
CO <sub>2</sub> Canister:	Single canister 1.5L		
APL Range:	Spontaneous breathing (SP) -70 cmH₂O		
Material:	Autoclav	able (except O₂ cell and pressure	
	gauge)		
• CO <sub>2</sub> Bypass:	Optiona	I	

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Ventilator Specific	ations		
• Driven Mode:	Pneumatically driven and Electronically		
	controlled		
Patient Types:	Adult and Pediatric		
Ventilation Mode	es: IPPV, PCV, SIMV-VC, PS/CPAP and Manual		
	optional: SIMV-PC, PCV-VG		
Tidal Volume:	20~1500ml		
<ul><li>Frequency:</li></ul>	2~100bpm		
• I:E:	4:1~1:8		
P(inspired):	5~70cmH <sub>2</sub> O		
P(support):	3~50cmH₂O		
• PEEP:	OFF, 3~30cmH₂O		
• Tslope:	0~2s		
Inspiration paus	e: OFF, 5%~60%Ti		
Trigger:	1~15L/min		
Compensation:	Compliance and leakage compensation,		
	fresh gas and altitude compensation		
Ventilator Monitori	ng & Alarms		
Pressure:	Paw, Ppeak, Pplat, Pmean, PEEP		
<ul><li>Volumes:</li></ul>	MV, Vt, Freq		
• Gas:	FiO <sub>2</sub>		
Optional:	CO <sub>2</sub> , 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 <sub>2</sub>		
	High Freq		
	O <sub>2</sub> Supply Failure		
	Power Failure		
	Apnea		
<ul> <li>Alarm Silence:</li> </ul>	≤120 seconds		





• Agent: Sev. Enf. Iso. Hal.

Installation Mode: Selectatec® with interlock

· Supports two vaporizers (optional standby vaporizer parking

• Filling Type: Pour-Fill, Key-Fill, Quik-Fil®

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



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