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Advanced and stable ventilation modes

In order to better meet the needs of modern respiratory management, Aeon8800A has more ventilation modes to cover various stages of respiratory diseases and anesthesia.

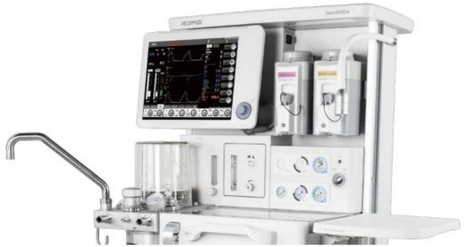
IPPV / PCV / PCV-VG / SIMV-VC / SIMV-PC / SIMV-VG / PS/CPAP

- Pressure control volume guaranteed ventilation (PCV-VG) is a mode of ventilation controlled ventilation that combines the advantages of VCV and PCV for patients who require controlled mechanical ventilation. PCV-VG delivers the tidal volume desired by the patient, offers the advantages of PCV with the lowest inspiratory pressure, provides better oxygenation with lower peak inspiratory pressures and a higher mean airway pressure compared to ventilation with volume control.

- Synchronized Intermittent Mandatory Ventilation with Volume Guarantee (SIMV-VG) provides the patient with a frequency of ventilation adjustment with Pressure Control with Volume Guarantee (PCV-VG). The patient can breathe spontaneously between mandatory breaths. Pressure support may be used to maintain spontaneous breathing.

Smart adjustment of the FGF

- The digital flow meter with ECO-Optimizer makes it easier and more precise to adjust the fresh gas flow rate.
- The ECO-Optimizer indicates the recommended fresh gas flow setting based on the set point and the patient's minimum O2 requirement. It allows a safe low flow and reduces agent and gas waste.
- Automatic gas switching to reduce oxygen consumption, When air driven gas is lost, the ventilation device will automatically switch to O2.



Technical specifications

BASE UNIT	
Dimensions (H x W x D)	
Version with cart (with breathing circuit) and charging	1403×704×750mm or 55.2×27.7×29.5 in Weight
Cart (without vaporizer or reserve cylinder) on the top	110kg or 242.5Load
shelf	25 kg or 55 lb
Wheel lock Types of optional central braking Power supply and backup battery	Front wheels with individual locking, brake system
	Power input AC 100~240V, 50/60Hz
Shots of	Current4 sockets on the back, 1.5 A individual
Batteries and operating time with charge	DC24V, 4.0AH, Minimum 120 minutes
Environmental requirements	
Temperature of	working10~40y(50~104y)
Operating humidity	y90% (non-condensing)
Temperature of	storage-20~60y(-4~131y)
Storage humidity	y95% (non-condensing)
ANESTHESIA GAS SUPPLY MODULE	
Gas supplyO2, N2O, AIR: 280 600kPa	
Cylinder YokesOptional	: O2, N2O, AIR
Fresh gas flow indicator	Electronically controlled mixer
Fresh gas flow indicator range independently of O2flush	0~18L/min or adjust each gas 0~10L/min 25~75 L/min
Auxiliary common gas outlet (ACGO)	System optional
of scanning of gases anesthetics	(AGSS) Optional vaporizer
	AgentSevoflurane, Halothane, Enflurane, Isoflurane
Installation modeSelectatec® with interlock, standby vaporizer parking bracket	
optional Filling typePour-Fill	, Key-Fill, Quik-Fil
Respiratory system	
CO2 absorber volume1	.5 L for a single drum
APL RangeRespiration	spontaneous (SP) -70 cmH2O
	Autoclavable material (except O2 cell and airway pressure gauge)
Heating system32~40y	
CO2 Bypass	Optional
FAN OPERATION SPECIFICATIONS	
FanPneumatic drive, Electronic control	
Ventilation modes	standardMan ual/Spontaneous Control volume (IPPV) Pressure control (PCV)
Ventilation modes – options	Pressure controlled ventilation volume guaranteed (PCV-VG)
	Synchronized intermittent mandatory ventilation based on volume (SIMV-VC) Ventilation
	Synchronized Intermittent Mandatory Ventilation (SIMV-PC) Mandatory ventilation
	intermittent synchronized on PCV-VG (SIMV-VG) Pressure support (PS) / Pressure
	continuous positive airway pressure (CPAP)
Control input ranges	
Respiratory rate (Freq)	2~100 bpm
Positive end-expiratory pressure (PEEP)	OFF, 3~30 cmH2O
Inspiration/expiration ratio (I:E)	4:1~1:8
Tidal volume (Vt)	20~1500 ml in Volume Control
Inspiration breakOFF	5%~60%.
Inspiratory time	0.2~5.0 s
Inspiratory pressure (PTARGET)	5~70 cmH2 O
Pressure support level (yP)	3~50 cmH2O
Limit pressure (Pmax)	10~70 cmH2O
	Shot 1~15 L/min
Inspiratory slope time (TSLOPE)	0~2s
CompensationCompensation of	compliance and leak, fresh gas compensation, altitude compensation
Supervision and fan alarm	
Monitoring	continuous inspiratory O2 concentration, respiratory rate, tidal volume, minute volume, maximum airway pressure, PEEP, mean pressure or plateau, CO2 concentration (optional), anesthetic gas concentration with MAC (optional), Paramagnetic oxygen sensors (optional)
Storage of	trends Maximum 720 hours of trend data table, 72 hours of trend chart
Medical Gas Calculations	O2, N2O and agent consumption , CO2 production calculations require appropriate gas monitoring.
Control screen TFT color touch screen	of 15
Graph DisplayPt, Ft, Vt, CO2-t (option) waveforms, PV loop, VF loops	
	AlarmMV high/low limit, FiO2 high/low limit, Paw high/low limit, Power failure
	High frequency, negative pressure, continuous pressure on the airways, apnea alarm, ETC, Alarm silence (y120 seconds)

Note: The above configurations include standard and option. Please consult the price with your Aeonmed sales representative.

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Reliable Quality Thoughtful Service

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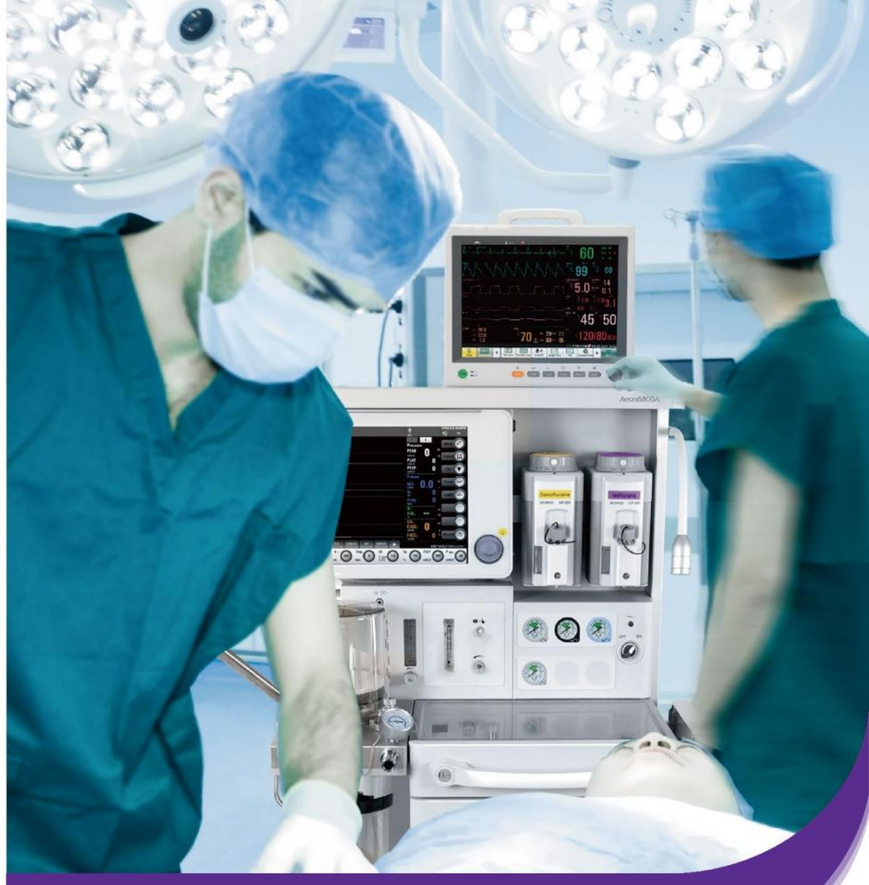

Aeon8800A

Workstation of anesthesia

CE 0123

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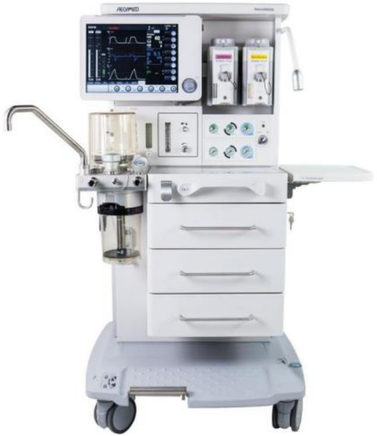
Aeon8800A
Anesthesia workstation

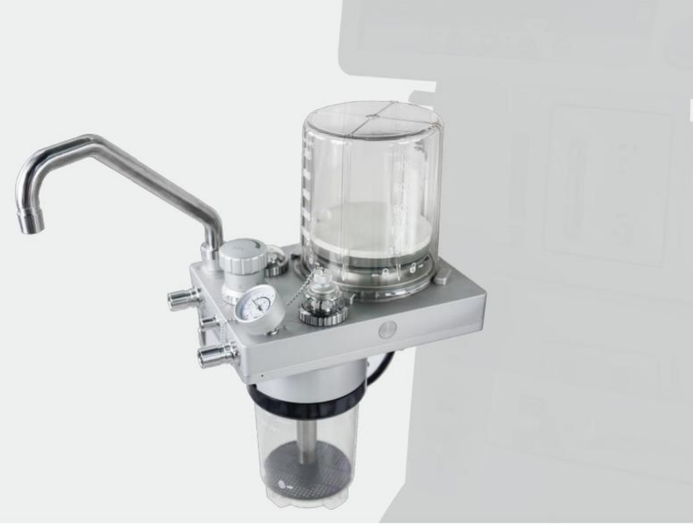
• Advanced ventilation management provides precise gas delivery and more adjustments, allowing makes the care of all types of patients more effective.
• The 15" TFT color LCD touch screen is easy to see and use, making it easy to adjust the all parameters and gas mixture.
• A large stainless steel work table with LED light provides the operator with a comfortable experience. The folding table provides more work space.



• Dual GCX rails allow easy installation of other devices on the docking station job.
• Wheels with central brake facilitate movement of the workstation. • Comprehensive gas monitoring includes: O2 (paramagnetic), CO2, AG, etc. • CE certified, meets EU clinical requirements.

New generation of respiratory circuits

• Safe, stable and effective anesthesia management
• The characteristic breathing circuit is made of alloy, corrosion-resistant and can resist high temperature and high pressure sterilization.
• Adjustable angle, easy to install and many other user-friendly designs make maintenance easy. • APL with quick release pressure, the upper pressure limit is precisely adjustable, avoiding repeated operations and improving the effectiveness of anesthesia.
• The respiratory suit has a heating system and CO2 bypass function.



Practical and convenient tool for anesthesia management

• The Aeon8800A provides a number of clinical aids to facilitate these operations.
• Quantifies data during anesthesia monitoring and provides operators with accurate and specific management indicators, also provides multiple cardiopulmonary bypass (CBP) modes, etc

Comprehensive control

• HD display, user-friendly design panel • In addition to traditional monitoring parameters, there are special monitoring parameters, such as Driving Pressure (DP) and stress index (SI) are provided to guide clinicians in adjusting ventilation parameters.
• Spirometry loops can be stored for future reference, allowing physicians to better understand changes in patient response to treatment.
• Continuous trend information along with discrete time events is stored and displayed in table or graph. • Provides medical gas consumption calculations: including O2 , N2 O and Agent. And provides calculations of CO production 2
• Support international standard data protocol to connect with hospital Internet center.