Technical Specifications

BASE UNIT	
Dimensions (H x W x D)	
Trolley version (with breathing circuit)	1403mm×704mm×750mm or 55.2in×27.7in×29.5in
Weight and load	
Trolley (without vaporizer and backup cylinder)	100kg or 220.5 lb
Top panel load	25kg or 55 lb
Power and battery backup	
Power input	100~240 VAC, 50/60 Hz
Batteries and Operation time with fully charged	DC24V, 5.0AH, Min.120 minutes
Environmental requirement	
Operation temperature	10~+40℃ or 50~104℉
Operation humidity	≤80%(non-condensing)
Storage temperature	-20~+60°C or -4~131°F
Storage humidity	≤95%(non-condensing)
ANESTHESIA GAS SUPPLY MODULE	
Gas supply	O₂, N₂O, AIR; 280kPa - 600kPa
Cylinder vokes	option:O2, N2O, AIR
Fresh gas flow indicator	Electronically display and virtual fresh gas flow tubes
Range of fresh gas flow indicators	O_2 , N ₂ O (0.05~10.0 l/min), AIR (0.05~12.0 l/min)
O ₂ flush	25~75 l/min
Vaporizer	25 15 //////
Auxiliary common gas outlet(ACGO)	Option
Anesthetic Gas Scavenging System (AGSS)	Option
Agent	Halothane, Enflurane, Isoflurane, Sevoflurane
Installation mode	Selectatec® with interlock, optional standby vaporizer parking holder
Filling type	Pour Fill, Key Fill, Quik-Fil
Breathing system	
Volume of CO ₂ absorber	3.0 L
	5.0 L
VENTILATOR OPERATING SPECIFICATIONS	
APL Range	Spontaneous breathing (SP) -70 cm H ₂ O
Material	Autoclavable (except O ₂ fell cell and mechanical pressure meter)
Heating system	Option, 32−40°C
CO ₂ bypass	Option
Ventilator	Electronically controlled, pneumatically driven
Operating modes Standard	Manual/spontaneous
	Volume control (IPPV)
	Pressure control (PCV)
Operating modes Option	Pressure Controlled Ventilation Volume Guaranteed (PCV-VG)
	Synchronized Intermittent Mandatory Ventilation in volume(SIMV-VC)
	Synchronized Intermittent Mandatory Ventilation in pressure(SIMV-PC)
	Pressure support (PS) with Apnea backup

Control input ranges 2~100 bpm Breathing frequency (rate) Positive end expiratory pressure (PEEP) OFF, 3~30 cm H₂O Inspiration/expiration ratio (Ti:Te) 4:1~1:8 20~1,500 ml in volume control Tidal volume (Vt) Inspiration pause OFF, 5%~60% Inspiratory time 0.2~5.0 s Inspiratory pressure (PTARGET) 5~70 cm H₂O Pressure support level (P_{support}) Pressure limit(Pmax) 3~50 cm H₂O 10~70 cm H₂O Trigger level 1~15 l/min Inspiratory Slope Time (T_{SLOPE}) 0~2s Compensation Compliance and Leak compensation, fresh gas compensation, elevation compensation Ventilator monitoring & alarm Monitoring Continuous monitoring of inspiratory O2 concentration, breathing frequency, tidal volume, minute volume, peak airway pressure, PEEP, mean or plateau pressure, CO₂Concentration(option), anesthesia agent, concentration(option) paramagnetic oxygen sensors(option) 0~100mL/cmH₂O Compliance Control screen 12.1 in; TFT color touch screen Graph Display Wave of P-T, F-T, V-T, CO₂-T(option), Paw-V Loop, V-Flow Loop MV high/low limit, FiO2 high/low limit, Paw high/low limit, Power failure Alarm Breath Rate high limit Subatmospheric pressure Sustained airway pressure Apnea alarm, Alarm Silence(120s)

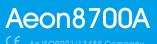


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- The comprehensive ventilation modes including PCV-VG, SIMV-PC provide more flexibility to ventilation strategy, suitable for various patients operation including pediatric and adult
- Advanced ventilation management, provides a accurate and broad of settings enabling effective care across a wide range of patient sizes and acuity types
- Support both low-flow anesthesia and min-flow anesthesia
- Compact breathing circuit system, easy to removal and clean, fully autoclavable, optional CO₂ bypass
- Electronic flow-meter, precise control and convenient operation
- 12.1" TFT LCD with color touch screen, highlighted display
- Options comprehensive gas monitoring include: oxygen(paramagnetic), carbon dioxide, AG, etc
- · CE marked, meets EU clinical requirement



Electronic Flow-meter

- Dual display:
- LCD and virtual fresh gas flow tubes
- Assisted with mechanical flow-meter
- monitoring total gas volume
- Simple and efficient operation



Ventilation Interface •

- 12.1"TFT LCD with touch screen, simple intuitive interface
- Display main ventilation parameters, monitored data information, message alert
- at same page Minimum tidal volume down to 20ml suitable for patients from infant to adult



Graph Display

- P-T, F-T,V-T waveforms
- P-V, F-V loops
- optional CO₂-T waveform
- · loops save function for real-time contrast · Detailed record trend data of parameters
- for view event



1

Spotlight and Auxiliary Table

- shadowless effect
- provides more space

Breathing Circuit System

- Special two-layer design, large capacity CO2 absorbent canister Fast response exceptional for low flow anesthesia
- Easy to removal and clean, fully autoclavable One step bag/vent switch turns
- ventilator on/off
- Adjustable APL valve provides fast
- emission function





Spotlight with LED light source, · Folding table expands work area and



- Optional CO₂ bypass

