



Anesthesia Machine

AM-6000

ANE



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Anesthesia

safe and reliable

The anesthesia machine Advanced® AM-6000 is a compact and integrated anesthesia transmitting system. The anesthetic ventilator used in the system is controlled by microprocessor. And it configures monitor internally, volume mode, and other functions optional. The Anesthesia machine is applicable for patients (adult and child) of over 2kg with standard configuration. The Anesthesia machine is mainly used in the Operating Room of hospital, and also used in Emergency Room, Drug Addiction Treatment Center etc. where needs anesthesia.



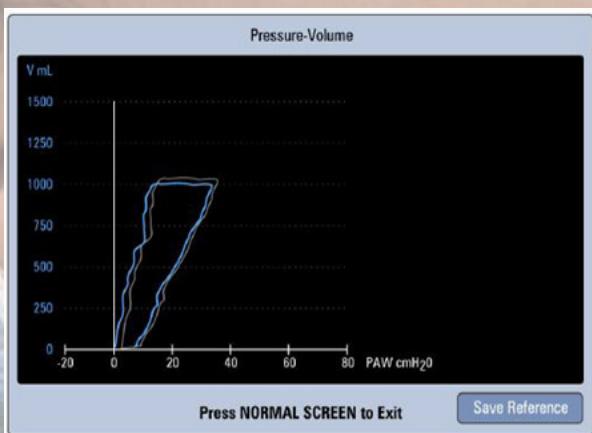
The anesthetic ventilator not only provides patients in operation with auto ventilation, but also monitors and displays the patient's various parameters. The anesthetic ventilator used in the system is controlled by microprocessor, and it configures monitor internally, volume mode, and other functions. The ventilation parameter monitor, setup and message notice of the ventilator are all displayed in the user interface.



The parameter monitor is in the left and right side of the user interface, the wave form in the middle. When there is a menu popping up, the wave area will be covered. The upper section is message area, the middle section is monitor area, the under is parameter area.



Breathing system is mainly used to store fresh gas including anesthetic gas, oxygen, and absorb waste gas. It directly connects to airway to support patient's respiration.



P/V Loop Horizontal abscissa displays Paw fixed range:-20~80cmH₂O, gain is 20cmH₂O.
Vertical abscissa displays tidal Volume fixed range is 0~1500ml, gain is 250ml.
F/V Loop Horizontal abscissa displays tidal Volume : -1400 ~ 0mL, gain is 700mL.
Vertical abscissa stands for Flow fixed range : -90 - 90L/min, gain is 45L/min ; the positive axes stands for aspiratory flow rate, the Negative axes stands for expiratory flow.

Technical Specifications

Pneumatic	Central Gas Requirements	O2 280-600 kPa (40 PSI-87 PSI) / N2O 280-600 kPa (40 PSI-87 PSI) / Air 280-600 kPa (40 PSI-87 PSI)
	Gas Supply Connectors	Diameter Indexed (DISS) threaded body as per CGA-V5
Cylinders Requirements	Cylinder connectors	Three (3) E-Cylinders O2, N2O, Air
	Flowmeters	PIN Indexed (PISS) per CGA-V5
Hypoxic Guard	System and O2 Controls	Fresh gas flowmeters O2 high range 1-10L/min, O2 low range 0L/min-1L/min N2O high range 1-12L/min N2O low range 0L/min-1L/min Air high range 1-15L/min Air low range 0L/min-1L/min
		Provides a minimum of 21% concentration of oxygen in fresh gas in any O2/N2O mixture
		Automatic N2O cutoff, O2 supply failure and electronic alarm sounds when O2 pressure falls below approximately 200 kPa
		O2 flush flow rate range 25-75L/min
		Waste gas scavenger port 30mm OD (Optional)
Fresh Gas	Delivery System	2 Vaporizer Mounting Selectatec [®] manifold with interlocks
	Aux O2/Air Manifold	Flow rate (max): 0.2-15L/min
	O2 concentration range	21% - 100%
	Breathing System	Temperature: Controlled to 35° C (95° F)
	O2 Absorbent	2 loose fill or 2 prepacks
	APL valve	APL valve: 300° rotation, 0 -70 cm H2O
Ventilator	Operating Modes	Spontaneous and manual assist / Adult and pediatric IPPV / SIMV / PS / Manual / PCV
	Automatic compensation	Fresh gas and altitude compensation
	Breathing circuit	Automatic compliance after confirmation
	Screen display	Color LCD / Screen size: Diagonal 264mm (10.4 in)
	Sweep speed	15 seconds real-time
	Graphic waveform	Airway pressure and flow, P-t, F-t, CO2-t (optional)
	Numeric data Spirometry	Tidal volume, minute volume, peak airway pressure, PEEP, Mean or Plateau pressure, breath rate, FiO2
	Loops	Spirometry loops: Pressure vs. Volume, Flow vs. Volume
	Tidal Volume	Deliverable range 20ml - 1500ml
	Range	0ml - 2900ml - Accuracy (adult): +/- 15% - Accuracy (pediatric): +/-10% or 20ml
Incremental setting	10ml	
Pressure range	Manual mode:	5 - 70cm H2O
	Pressure control ventilation	5 - 70cm H2O - Accuracy (PCV): +/- 4cm H2O (5-29cm H2O)
	PS and SIMV	3 - 80cm H2O - Accuracy (PS and SIMV): +/- 3cm H2O (3 - 35cm H2O)
	Minute volume display	Range: 0 - 30 liters
	Breath rate range (per minute)	Deliverable range: 4 - 100 - Display range: 0 - 100
I:E ratio	End inspiratory plateau	Range: 4:1 - 1:8
	Positive end expiratory pressure	Range OFF, 5 - 70cm H2O
		(PEEP) Electronically controlled - Range: 3 - 30cm H2O / Accuracy: (3 - 12cm H2O) +/- 2cm H2O

Technical Specifications

FiO2	FiO2 Type Low limit range High limit range Breath rate high limit range Apnea manual mode Apnea SIMV or PS Apnea CMV or PCV Alarm silence Sub-atmopheric pressure Sustained pressure alarm	Galvanic / Display range: 0 - 100% / Resolution: 1 vol/vol% 18 -99 vol/vol% 21 -100 vol/vol% 8 - 60 pbm >60 seconds Breath rate below 6 pbm: <35 seconds Breath rate below 6 pbm: >30 seconds 2 minutes -2cm H2O 15 seconds
Electrical Specifications	Power and battery back-up Current input Power consumption Power cord Battery Battery run time Battery charge time Auxiliary outlets	Mains power supply: 120 VAC 60Hz, Battery 24 Volts 10A total Approx 200VA Captive line cord 2 x 12v/5Ah rechargeable sealed lead acid Approx. 120 minutes 8 hours max. when machine is on 4 outlets fused (120V / 2A each) hospital grade
Physical Specifications	Dimensions: Height Width Depth Weight	1400mm (55in) 900mm (35in) 750mm (29in) 148kg (326 lbs) (without vaporizers and gas cylinders)
	Top Self Weight Limit Top Self width Top Self Depth Work Surface Height Work Surface Height Work Surface Height	650mm (25.6in) (W) x 352mm (14in) (D) 25kg (55lbs) 650mm (25.6in) 352mm (14in) 850mm (33.5in) (H) 568mm (22.4in) (W) 262mm (10.3in) (W)
Drawers (3)	Drawers Height Drawers Width Drawers Deep Front Casters Rear Casters Mounting Rails	127mm (5in) 482mm (19in) 305mm (12in) 2 front locking dual wheels 12.5cm (5in) 2 rear non-locking wheels 12.5cm (5in) Both sides of machine, top and button
Environmental Specifications	System operation	Operating temperature: +10° - +40° C (50° - 104° F) Operating humidity: 30%-80% non-condensing Storage temperature: -20° - +55° C (-4° - 131° F) Storage humidity: 30% - 90% RH, non-condensing Conditions defined at ambient temperature pressure dry. Atmospheric pressure: 70-60kPa (10-15 PSI) (operating and storage)
	Material	All materials in contact with patient gas are free of natural latex rubber

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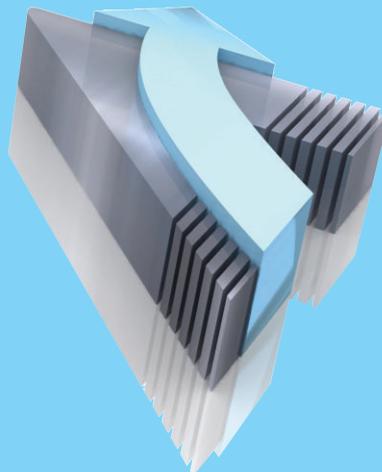
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