

# AR-322

## Anesthesia Machine



### Technical Specifications

PARAMETER	SPECIFICATION
Main Body	High-strength engineering plastic rack, light, beautiful and corrosion resistant
Scope of Application	Adult, child
Gas Source	O <sub>2</sub> : 0.28--0.6Mpa; N <sub>2</sub> O: 0.28--0.6MPa.
Flow Meter	O <sub>2</sub> : 0.05--10L/min; N <sub>2</sub> O: 0.05--10L/min
O <sub>2</sub> , N <sub>2</sub> O Linkage and N <sub>2</sub> O Stopper	When using nitrous oxide, oxygen concentration>25%; When the oxygen pressure < 0.2MPa, the flow of nitrous oxide would be cut off.
Flow Rate of Rapid Oxygen Supply	25--75L/min
Low Oxygen Pressure Alarm	There will be sound alarm when the oxygen pressure < 0.2MPa
Vaporizer	It has the function of automatic compensation based on pressure, temperature, and flow rate. The regulation range of evaporator concentration is 0-5vol%. Among Halothane, Enflurane, Isoflurane and Sevoflurane, one can be chosen for application as required by the customer. And vaporizers that are imported with original packaging are also available.
Respiratory Circuit	Working mode: all-close, semi-close, semi-open;

	APL: $\leq 12.5\text{kPa}$ .
Respiratory Bellows	Bellows for adults, bellows for children, tidal volume range 0-1500ml

## VENTILATOR

Display Mode	High-definition 5.7" LCD screen display	
Ventilation Mode	IPPV, SIPPV, SIMV, MANUAL	
Ventilation Function	PEEP, SIGH, IRV	
Ventilation Parameters	Tidal volume	50~1500ml
	Rate	2~99bpm
	SIMV rate	2~20bpm
	I:E	2:1~1:8
	SIGH	1.5 times the inspiratory time/100bpm
	Inspiratory trigger pressure	-10~20cmH <sub>2</sub> O
	PEEP	2~60cmH <sub>2</sub> O
	Pressure limitation	10~60cmH <sub>2</sub> O
Parameters for Ventilation Monitoring	Tidal volume, Minute ventilation volume, IPPV rate, SIMV rate, total respiratory rate, I/E, peak pressure of airway, pressure-time waveform, flow rate-time waveform, PEEP, inspiratory trigger pressure, (average pressure, oxygen concentration, battery capacity).	

## SECURITY ALARM SYSTEM

Oxygen Concentration alarm	Upper limit setting range	(21%--99%)
	Low limit setting range	(18%--80%)
Airway pressure alarm	Upper limit setting range	5--60cmH <sub>2</sub> O;
	Low limit setting range	0--50cmH <sub>2</sub> O.
Minute ventilation volume alarm	Upper limit setting range	1--20L/min;
	Low limit setting range	0--19L/min.
Tidal Volume	Upper limit setting range	100--1500ml
	Low limit setting range	0--1400ml
Sustained high-pressure alarm	It will give alarm when stress have consistently been higher than 25 cmH <sub>2</sub> O	
Suffocation alarm	It will give sound and light alarm if there is no tidal volume input for 15 seconds	

(Suffocation Alarm, Power alarm, Intubation off alarm, battery voltage alarm)

<b>Power</b>	AC 220V, 50Hz, (Storage battery, UPS)
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## Mechanical Arms

### (End-expiratory CO<sub>2</sub> monitoring)

### (Specific interface of waste anesthesia gas)

\*Note: Items within brackets are optional.