

AV2000-B2

Features

The AV-2000B2 is a multi-functional ventilator adopting pneumatic, electronic control and microcomputer technology.

Exported components are utilized to guarantee operational stability and reliability.

With a colour screen to display various measuring and configuration parameters, the device is very suitable for respiratory treatment in most departments of the hospital.

CE UKAS ISO 13485 ISO9001 ISO13485



Product details

Ventilator

◆ Display mode	10.4-inch High-definition TFT color LCD screen display
◆ Ventilation mode	VCV , PCV , SIMV , PSV, PSV+SIMV, CPAP
◆ Ventilation function	PEEP、SIGH、standby、IP、IRV
◆ Ventilation Parameters	
Tidal volume	20~1800ml
Rate	2~120bpm
SIMV rate	2~20bpm
I : E	4:1~1:8
Inspiratory trigger pressure	-10~10cmH ₂ O
Flow trigger sensitivity	1~20L/min
PEEP	0~25cmH ₂ O
Pressure control	3~50cmH ₂ O
Pressure limitation	5~60cmH ₂ O
Pressure slope	1~10gear
Flow rate setting	1~10gear
Expiratory trigger sensitivity	10%~90%
Time control	1~10s
SIGH	1.5 times the inspiratory time (60~120 adjustable)
Inspiratory platform	0~50%
Oxygen concentration	21%~99%

◆ Parameters for ventilation monitoring

Expired tidal volume, Inhale tidal volume, Minute Ventilation volume, IPPV rate, SIMV rate, total respiratory rate, autonomous breathing rate, I/E, peak pressure of airway, average pressure, PEEP, Inspiratory trigger pressure, inspiratory platform, oxygen concentration, battery capacity, pressure - time waveform, flow rate - time waveform, flow-volume loop, pressure - volume loop

◆ 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 ₂ O
	low limit setting range	0~50cmH ₂ 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	10~1800ml
	low limit setting range	0~1700ml
Respiratory rate	upper limit setting range	10~99bpm
	low limit setting range	0~50bpm
Sustained high-pressure alarm	it will give alarm when stress have consistently been higher than 30 cmH ₂ O	
Suffocation alarm	Power alarm	
Low pressure of Oxygen alarm	Intubation off alarm	
Low pressure of Air alarm	battery voltage alarm	

◆ Power

AC 220V 50Hz
UPS, Storage battery

◆ Mechanical Arms

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