Specifications

Ventilation Modes

(V-CMV) IPPV, (P-CMV) PCV, PSV, (P-SIMV), (V-SIMV), SIGH, PRVC, MANUAL

Ventilator Parameter Ranges		
Tidal volume (Vt)	10 ML~1500 ML	
I/E	4:1~1:10	
Respiration frequency	4 bpm~100 bpm	
Inspiration pressure	1 cmH ₂ O	
Pressure support	3 cmH ₂ O~50 cmH ₂ O	
Pressure limit	10 cmH ₂ O~100 cmH ₂ O	
Pressure trigger	-1 cmH ₂ O~ -20 cmH ₂ O	
PEEP	0 cmH ₂ O~ 30 cmH ₂ O	
Inspiration time	0.2 s~ 5 s	
Inspiration apnea	OFF, 5%~60%	
Trigger	5%~95%	
Flow trigger	0.3 L/min, 1L/min~15L/min	
Rise time	0 s~2 s	
SIMV frequency	4bpm~60bpm	

Monitored Parameters

 $0 / min \sim 100 / min$ Respiratory frequency: Tidal volume (Vt): $0~\text{ML}{\sim}2500~\text{ML}$ 0L/min~100L/min Minute volume (MV): 5%~100%(V/V) Oxygen concentration: 0cmH2O/(L/s)~250cmH2O/(L/s) Resistance: Minute volume: 0L/min~100L/min -20cmH₂O~100cmH₂O Airway pressure: 0ml/cmH₂O~250ml/cmH₂O Compliance: PEEP: 0cmH₂O~70cmH₂O I:E: 4:1~1:10





Alarms and Protection	
The AC power failure alarm	Power failure or no connection
VT upper limit	5mL~ 2000mL
VT lower limit	0mL~ 1595mL
MV upper limit	0.1L/min~ 100L/min
MV lower limit	0.0L/min~ 99.9L/min
Respiration frequency upper limit	2bpm~ 100bpm
Respiration frequency lower limit	0bpm~ 98bpm
FIO ₂ upper limit	20%~ 100%
FIO ₂ lower limit	18%~ 98%
Airway pressure upper limit	2cmH ₂ O~ 100cmH ₂ O
Airway pressure lower limit	0cmH ₂ O~ 98cmH ₂ O
Apnea	20s~ 40s

Working Conditions

Gas source	O2, N2O, AIR	
Pressure	280kPa-600kPa	
Voltage	100~240V	
Power frequency	50/60 Hz	
Input power	80 VA	

Oxygen concentration never lower than 25% when N₂O start

Oscillographs Display

P-T, F-T, V-T, Lung function loop, ETCO2-T

Packing Size	
Wooden case packing size:	L870* W1000* H1600 mm
	NW: 160KG, GW: 235KG





The picture is for reference only. For more information, please contact Superstar Medical sales representatives.

江苏如翼医疗科技有限公司

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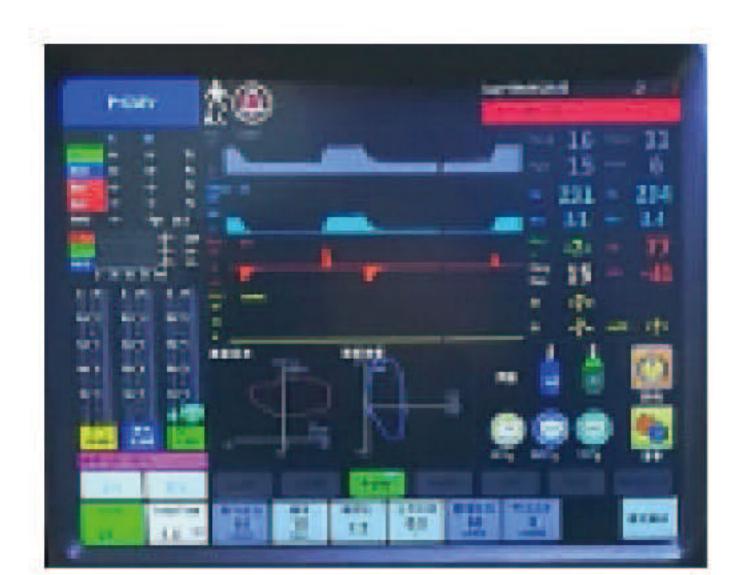


Cherish your life, Cherish your health!



Application

The Anesthesia Machine makes a good performance in Intensive Care Units (ICU), operation room, anesthesiology department and other departments. From high to low acuity, simple to complex cases, pediatric to geriatric patients, Perlong Medical Anesthesia System offers you wide choices that you need in ventilation, monitoring and technique. What's more, our expertise in anesthesia delivery and ventilation is based on rich 23 years history of developing anesthesia solutions that meet your needs. Good performance based on high security, high accuracy, high stability and accurate monitoring.







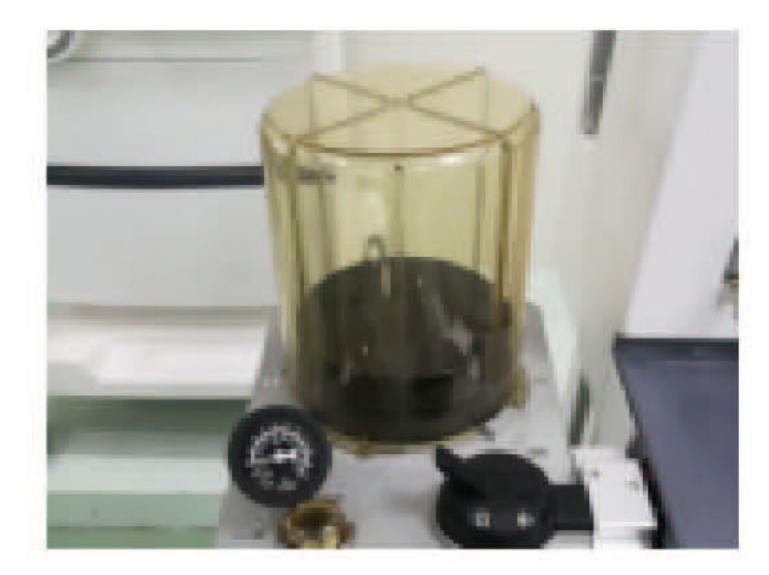
Flowmeter



Breathing circuit



Pressure gauge



Bellow



APL valve

Battery Working

There are two battery inside, use one of them can last long for no less than 60 mins, when use two, it can last long for no less than 120 mins.

Trust Points

- Simplicity: four static casters with self-locking function.
- Precision in an anesthesia ventilator with multiple ventilation modes: (V-CMV) IPPV, PSV, (P-CMV)
 PCV, (P-SIMV), (V-SIMV), SIGH, PRVC and MANUAL.
- Flexible configurations able to customize your requirements.
- International standard and advanced technology suitable for wide range use.
- Compact interface and big screen give you better operating experience.
- Over 5,000 units are installed in more than 200 countries.
- High quality durable breathing system, easy to disassembled for clean and sterilization demand.
- Large workbench: stainless steel material can stand any chemical sterilization agent.
- Two spacious drawers for storing accessories, auxiliary gas outlet.

Features

- 15" TFT LCD touch screen displays the Ventilation parameters, Alarm information and Oscillographs.
- 3 electronic flow meter and 3 mechinical flowmeters,
- 8 languages can be choosen:
- Chinese, English, Spanish, French, Russian, Turkish, German, Portuguese.
- Vaporizer with temperature, flow compensation and self-lock function, keep safety anytime.
- Patient's medical record can be set and stored. Doctors can pre-set age ans transfer the record to computer by VGA
- Pressure-time, flow-time, pressure-volume loop graphics, volume-time, Lung function loop and ETCO2-time.
- Anesthesia Gas Scavenging System (AGSS) and AG monitoring are optional.
- Excellent CO₂ absorber, easy to exchange soda lime canister and leakage compensation.

Safety

- Three levels alarm system, visual and sound alarm information.
- Intelligent dual system controls ensure safe use in clinics.
- With multiple type of alarm, reminder and protection functions.
- Advanced power management control technology.
- Built-in backup battery provide the emergency power supply to the unit.

