

ICU Ventilator S1600



The ventilator is suitable for various kinds of medical institutions for cardiopulmonary resuscitation respiratory support. Acute respiratory failure caused by various reasons or incomplete oxygenation dysfunction. Intra-operation, post-operation respiratory support, other respiratory treatment.

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Description

Application

The ventilator is suitable for various kinds of medical institutions for cardiopulmonary resuscitation respiratory support. Acute respiratory failure caused by various reasons or incomplete oxygenation dysfunction. Intra-operation, post-operation respiratory support, other respiratory treatment.

Trust Points

- Simplicity: easy to use, easy to move with 4 wheels.
- Choice: adapt the equipment to your patients and procedures freely
- Patient Centered Ventilation: Precision in an anesthesia ventilator, from conventional ventilation to advanced modes, including 5 modes: IPPV; A/C; SIMV; SPONT/CPAP; MANU.
- Designed and manufactured by Perlong Medical with over 23 years experience in this area.
- Flexible configurations to suit your needs.
- International standard and advanced technology suitable for wide range use.
- Compact interface and big screen give you better operating experience.
- Over 2,000 units installed in the world.

Features

- 10.4" TFT LCD screen displays the Ventilation parameters, Alarming information and Waveform.
- Recycle breathing pipe, ensure easy operating and keep tidy.
- Multiple working modes such as volume control and pressure limit, adapt to wide range patient.
- Vaporizer with temperature, flow compensation and self-lock function, keep safety anytime.
- Multiple parameters monitoring interface, make every parameter clear, let users know the patient conditions in all aspects;
- Real time pressure-time, flow-time loop graphics and high precision O2 concentration detection function included.
- Venturi effect technology ensure the machine working without air gas source.

Safety

- Three level alarming system, visual and sound alarm information.

- With lots of alarming, reminding and protection functions.
- Advanced power management control technology.
- With built-in backup power source, when outside power source goes off, back-up power source starts to work.
- Self-check before running, eliminate system mistake.
- Separate design of electric and gas, keep safety running of ventilator.

Specifications

Ventilation modes: IPPV; A/C; SIMV; SPONT/CPAP; MANU

Ventilator parameter ranges

Tidal volume(Vt): 0, 20 mL ? 1500 mL

Frequency?Freq?: 1bpm ? 100 bpm

I/E: 4:1?1:8

PEEP: 0cmH2O ? 20 cmH2O

Pressure triggering sensitivity?Ptr?: ?20 cmH2O ? 0 cmH2O?Based on PEEP?

SIGH: 0(off) 1/100 ? 5/100

Apnea Ventilation: OFF?5 s ? 60 s

Monitored Parameters

Frequency?Freq?: 0 /min ? 100 /min

Tidal volume(Vt): 0 mL ? 2000 mL

MV: 0 L/min - 99 L/min

Airway pressure: 0cmH2O ? 100cmH2O

Oxygen concentration: 15 % ? 100 %

Graphical display:

P-T(pressure – time)

F-T(flow – time)

Size

1.Wooden case packing size(main engine)?L 560*W 560*H 615mm , GW?35KG ; NW?17KG

2.Wooden case packing size(trolley)?L650*W690*H 520 mm , GW?38KG NW?18G

Alarm and protection

The AC power failure alarm

Power failure or no connection

Internal battery backup low voltage alarm: ?11.3±0.3V

No tidal volume: No tidal volume within 6s

High oxygen concentration alarm: 19%-100%

Low oxygen concentration alarm: 18%-99%

High Airway pressure alarm: 20cmH2O-100cmH2O

Low Airway pressure alarm: 0cmH2O-20cmH2O

High Minute Volume alarm: 1L/min-99L/min

Low Minute Volume alarm: 0-20 L/min

Continuous Pressure alarm: (PEEP+1.5kPa) over 16s

Suffocation warning: 5s-60s no spontaneous ventilation

Working conditions

Gas source: O2

Pressure: 280kPa-600kPa

Voltage: -220V±22V

Power frequency: 50Hz±1Hz

Input power: 40VA