

## Technical specification

### Ventilation mode

IPPV, A/C, SIMV, SPONT/CPAP, MANU

### Ventilator parameter

Tidal volume (Vt)	0, 20 mL ~ 1500 mL
Frequency (Freq)	1 min ~ 100 min
I:E	4 : 1 ~ 1 : 8
Oxygen concentration	45 % ~ 100 %
PEEP	0 cmH <sub>2</sub> O ~ 20 cmH <sub>2</sub> O
Pressure triggering sensitivity (Ptr)	-20 cmH <sub>2</sub> O ~ 0 cmH <sub>2</sub> O (Based on PEEP)
SIGH	0 (off) 1 / 100 ~ 5 / 100
Apnea ventilation	OFF, 5 s ~ 60 s

### Monitoring parameter

Frequency (Freq)	0/min ~ 100/min
Tidal volume (Vt)	0 mL ~ 2000 mL
MV	0 L/min ~ 99 L/min
Airway pressure	0 cmH <sub>2</sub> O ~ 100 cmH <sub>2</sub> O
Oxygen concentration	15 % ~ 100 %

### packing size

Main components: L 560 \* W 560 \* H 615 mm

G.W. : 40 KG, N.W. : 17 KG

Trolley: L 650 \* W 690 \* H 520 mm

G.W. : 43 KG, N.W. : 18 KG

Other models for your reference :



S1100B



S1100A



S1100

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

### Alarm and protection

The AC power failure alarm	Power failure or no connection
Internal backup battery low voltage alarm	< 11.3 ± 0.3V
No tidal volume	No tidal volume within 6 s
High oxygen concentration alarm	19 % ~ 100 %
Low oxygen concentration alarm	18 % ~ 99 %
High airway pressure alarm	20 cmH <sub>2</sub> O ~ 100 cmH <sub>2</sub> O
Low airway pressure alarm	0 cmH <sub>2</sub> O ~ 20 cmH <sub>2</sub> O
High minute volume alarm	1 L/min ~ 99 L/min
Low minute volume alarm	0 L/min ~ 20 L/min
Continuous pressure alarm	(PEEP + 1.5 kPa) over 16 s
Suffocation warning	5 s ~ 60 s no spontaneous ventilation

### Working condition

Gas source	O <sub>2</sub>
Pressure	280 kPa ~ 600 kPa
Voltage	220 V ± 22 V
Power frequency	50 Hz ± 1 Hz
Input power	40 VA

### Oscillogram

P - T (Pressure - Time)

F - T (Flow - Time)

Cherish your life, Cherish your health!



# S1600 ICU Ventilator

*Friendly Powerful Reliable*



# S1600 ICU Ventilator

## Application

The ventilator makes a good performance in operation room, ICU department and emergency treatment. It used to assist or replace the spontaneous breathing for adult pediatric and neonatal more than 2kg. 25 years experience in Market-oriented ventilator make us professional and reliable, satisfying all your needs in ventilation. Due to the flexible configuration, good quality and competitive price, S1600 has soon become the superstar of market

## Features

- 10.4" TFT screen displays the ventilation parameters, alarm information, and oscillograms, make every operation more easily.
- Multiple ventilation mode can meet different clinical requirements (IPPV, A/C, SIMV, SPONT/CPAP, SIGH, MANUAL)
- Multiple parameters monitoring interface, make every parameter clear for users to know patient condition in all respects.
- Pressure-Time, Flow-Time oscillograms and high precision oxygen concentration detection function included.
- Humidifier can heat and wet breathing gas, makes it comfortable for patient to breathe.
- Rapid oxygen supply, automatically offer high flow rate oxygen within two minutes
- High temperature resistance breathing circuit is reusable and anti-pollution.

## Safety

- 14 types of sound and visual alarm information, easier for users to do some error checking and troubleshooting.
- Easy to move with four casters, easy to stop with two brakes.
- Separate design of electronic circuit and gas flow rate keep safe running of ventilator.
- Compact long life internal battery can provide emergency power, avoid risk of patient.
- Self-check before operation, eliminate system mistake.

*Friendly Powerful Reliable*

