Technical specification

Ventilation mode

PRVC, APRV, DUOLEVEL, V-SIMV, P-SIMV, IPPV, A/C, PCV, PSV, SPONT/CPAP, SIGH, MANUAL

Ventilator parameter

Tidal volume (Vt)	0,20 ~ 2000 mL
Frequency (Freq)	1 min ~ 100 min
Oxygen concentration	21 % ~ 100 %
I:E	4 : 1 ~ 1 : 8
PEEP	0cmH_2O ~ 40 cmH_2O
Pressure triggering sensitivity (Ptr)	-20 cmH_2O ~ 20 cmH_2O (Based on PEEP)
Flow trigger sensitivity (Ftr)	0.5 L/min ~ 30 L/min
Pressure control (PC)	5 cmH_2O ~ 80 cmH_2O
Pressure support (PS)	0 cmH_2O ~ 80 cmH_2O
SIGH	0 (off) 1/100 ~ 5/100
Apnea ventilation	OFF, 5 s ~ 60 s
Pressure limit	20 cmH_2O ~ 100 cmH_2O

Monitoring parameter

Frequency（Freq）	0 / min ~ 100 / min
Tidal volume(Vt)	0 mL ~ 2500 mL
MV	0 L/min ~ 99 L/min
Airway pressure	0 cmH_2O ~ 100 cmH_2O
Dynamic lung compliance testing	1 mL/cmH_2O ~ 1000 mL /cmH_2O
$ETCO_2$ concentration	0 mm Hg ~ 152 mmHg (0 % ~ 20 %)
Oxygen concentration	15 % ~ 100 %

Packing size

Main components: L 560 * W 560 * H 605 mm

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

Air compressor: L 670* W 700 * H 1160 mm

G.W. : 84 KG, N.W. : 46.2 KG

Alarm and protection

AC power failure alarm	Power failure or no connection
Internal backup battery low voltage alarm	≤ 11.3 ± 0.3 V
No tidal volume	No tidal volume within 6 s
High minute volume alarm	5 L/min ~ 99 L/min
Low minute volume alarm	1 L/min ~ 30 L/min
High airway pressure alarm	20 cmH_2O ~ 100 cmH_2O
Low airway pressure alarm	0 cmH_2O ~ 20 cmH_2O
High oxygen concentration alarm	19 % ~ 100 %
Low oxygen concentration alarm	18 % ~ 99 %
Continuous pressure alarm	(PEEP + 1.5 cmH_2O) over 16 s
Suffocation warning	5 ~ 60 s
Fan error	Show on screen
Oxygen deficit	Show on screen
The maximum limited pressure	< 12.5 kPa

Working condition

Gas source	O_2, Air
Pressure	280 kPa - 600 kPa
Voltage	220 V ± 22 V
Power frequency	50 Hz ± 1 Hz
Input power	900 VA (With air compressor)
	250 VA (Without air compressor)

Oscillogram

P-T(Pressure-Time)

F-T(Flow-Time)

V-T(Volume-Time)

$ETCO_2$ -T（End-Tidal CO_2-Time）

P-V Loop(Pressure-Volume Loop)

F-V Loop(Flow-Volume Loop)

P-F Loop(Pressure-Flow Loop)

Other models for your reference：

. The picture is for reference only. For more information, please contact us

Cherish your life, Cherish your health!

ICU Ventilator

ADULT · PEDIATRIC

Friendly Powerful Reliable

ICU Ventilator

Application

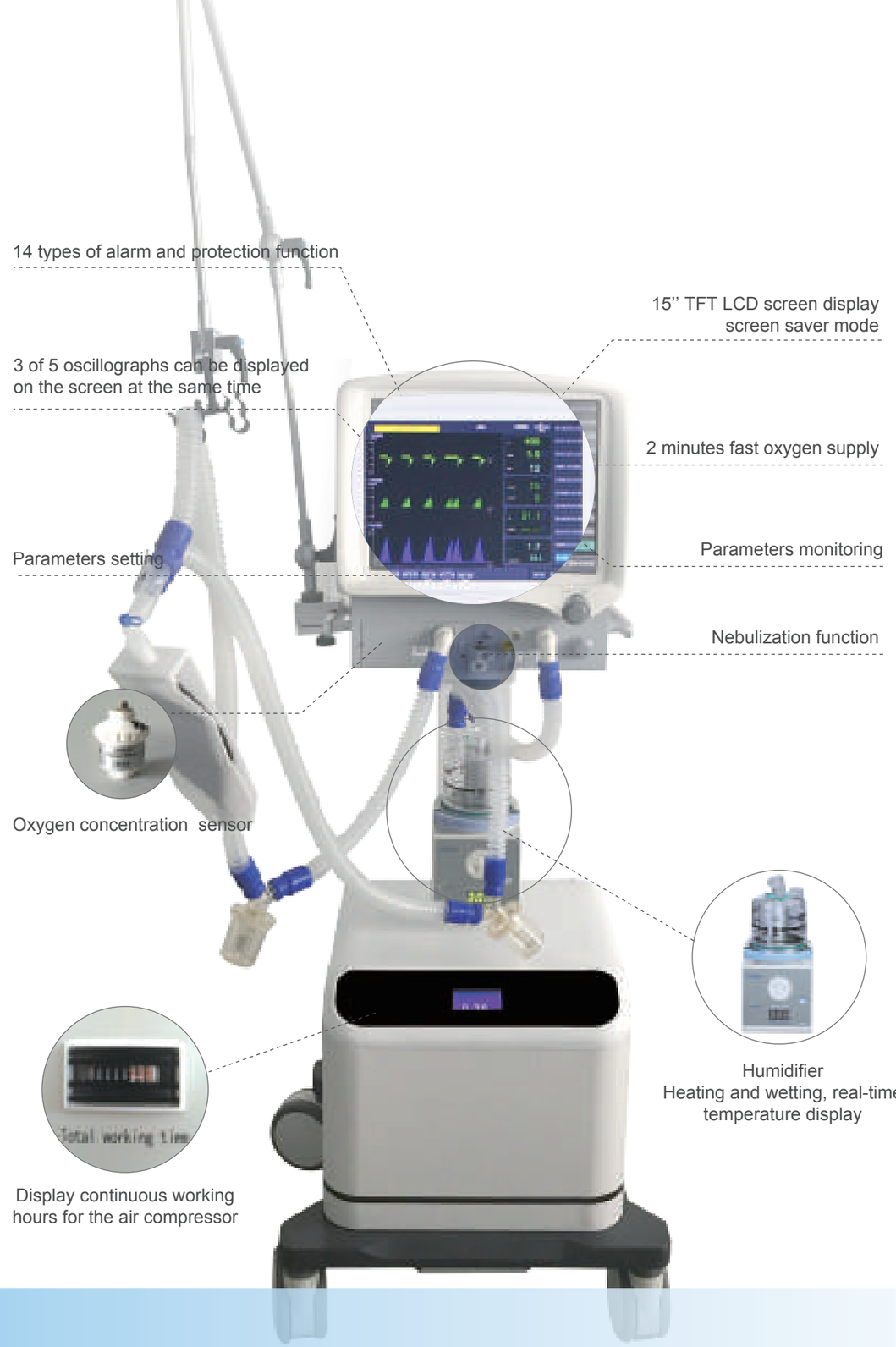
The ventilator makes a good performance in operation room,ICU department and emergency treatment.It used to assist or replace the spontaneous breathing for adult pediatric and neonatal more than 2kg. 25 years experience in Market-oriented ventilator make us professional and reliable, satisfying all your needs in ventilation. Due to the flexible configuration, good quality and competitive price, S1100A has soon become the superstar of market.

Features

15” TFT touch screen displays the ventilation parameters, alarm information, and oscillograms, make every operation more easily.
Multiple ventilation modes,suitable for ICU,emergency department and operation room etc: (IPPV, A/C, PCV, SIMV,PSV, SPONT/CPAP,SIGH,MANUAL)
5 oscillograms for your choice, 3 of them can be displayed on the screen at the same time.
$ETCO_2$ is standard configuration for this machine.
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
Nebulization make medicine into small liquid and particle,easier and quickier for patient to breathe in.
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.
Built-in oxygen concentration sensor, ensure stable precision of oxygen concentration.
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.



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