

TECHNICAL SPECIFICATION

Ventilation mode

IPPV, A/C, SIMV, SIGH, MANUAL

Ventilator parameter range

Flowmeter	O ₂ (0.1 ~ 10 L/min) N ₂ O (0.1 ~ 10 L/min) AIR (0.1 ~ 10 L/min)
Rapid oxygen supply	25 L/min ~ 75 L/min
Tidal volume (Vt)	0, 20 mL ~ 1500 mL
Frequency (Freq)	1 /min ~ 100 /min
I:E	2: 1 ~ 1: 6
PEEP	0 cmH ₂ O ~ 30 cmH ₂ O
Pressure triggering sensitivity (Ptr)	-20 cmH ₂ O ~ 0 cmH ₂ O (Based on PEEP)
Flow trigger sensitivity (FTr)	0.5 L/min ~ 30 L/min
Pressure control (PC)	5 cmH ₂ O ~ 60 cmH ₂ O
SIGH	0 (off) 1/100 ~ 5/100
Apnea Ventilation	OFF, 5 s ~ 60 s
Pressure Limit	20 cmH ₂ O ~ 100 cmH ₂ O

Monitoring parameter

Frequency (Freq)	0 /min ~ 100 /min
Tidal volume (Vt)	0 mL ~ 2000 mL
MV	0 L/min ~ 100 L/min
Oxygen concentration	15 % ~ 100 %

Oscillogram

P-T (pressure – time)
V-T (volume – time)

Alarm and protection

The AC power failure alarm	Power failure or no connection
Internal battery backup low voltage alarm	< 11.3 ± 0.3 V
No tidal volume	≤ 5 mL within 6 s
High oxygen concentration alarm	19% ~ 100%
Low oxygen concentration alarm	18% ~ 99%
High Airway pressure alarm	20 cmH ₂ O ~ 100 cmH ₂ O
Low Airway pressure alarm	0 cmH ₂ O ~ 20 cmH ₂ O
High Minute Volume alarm	Adult (5 L/min ~ 20 L/min)
Low Minute Volume alarm	Paed (1 L/min ~ 15 L/min, 0 ~ 10 L/min)
Continuous Pressure alarm	(PEEP+1.5 kPa) over 16s
Suffocation warning	5 s ~ 60 s no spontaneous ventilation
The maximum limited pressure	<12.5 kPa
Fan error	Show on screen
Oxygen deficit	Show on screen

Working condition

Gas source	O ₂ , N ₂ O, Air
Pressure	280 kPa ~ 600 kPa
Voltage	100 ~ 240 V
Power frequency	50/60 Hz

Packing size

Wooden case packing size	L 810 * W 1060 * H 1540 mm
G.W.	150 KGS
N.W.	96 KGS
CBM	1.33 m ³

Other models for your reference :



S6100C Anesthesia System

ADULT · PEDIATRIC
Friendly Powerful Reliable



S6100C Anesthesia System

Application

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments. S6100C is designed for ease of use, incorporating basic function and the maximum patient safety in daily anesthesia practice. Professional design for adult, child and infant inhalation anesthesia and respiratory management, with advanced ventilation modes. Combine proven ventilation technology with the latest refinements in ergonomics and systems integration with an advanced, easy to use anesthesia table designed together with experienced experts to streamline your anesthesia workflow.

Screen

7" screen displays information area, alarm area, monitoring area and setting area.
2-3 hours built-in backup battery.
Intelligent three level alarming system with 14 alarm, visual and sound alarm information.
2 oscillograms: P-T, V-T

Pressure gauge

Pressure gauge shows pressure of centre gas system or gas cylinder.

Bellow

1500mL can applied to different patients.
Volume of absorber: 1.5 L
Integrated design makes installation easily.

Oxygen sensor

Oxygen sensor makes sure accurate parameters.

Brake

4 casters with 2 individual brakes.



Vaporizer

One or dual-position
Choice: Halothane, Enflurane, Isoflurane, Sevoflurane
1 set vaporizer for standard, max 2 sets.

Mechanical flowmeter

5 Mechanical flowmeters: O₂, Air, N₂O.
Fine control: 0.1-1 L/min
Coarse control: 1-10 L/min

ACGO and fast oxygen supply

Emergency situation and revival after operation.

Optional

AGSS
Gas gauge for gas cylinders
Vital sign monitor, anaesthetic gas monitor
Hand held ETCO₂ monitor or Vital sign monitor with ETCO₂
3 Yokes

Trust point

- Providing customers with high quality and cost-effective anesthesia machine.
- The New Life Medical System team is a group of experienced and dedicated professionals with a passion for more than 20 years.
- We listen to our customers and integrate their insights in our machine development. Flexible configurations to suit customers' needs.
- Countless feedback from customers give good reviews.
- Advanced one button switch of manual provides convenient electronic controlling interchanges.
- High precision flowmeter, instantly know the fresh gas flow to your patient.
- Integrated breathing circuit design, ensure easy operating and keep tidy.
- Multiple working modes such as volume control and pressure limit, adapt to wide range patient.
- Vaporizer with temperature, pressure, flow compensation and self-lock function, keep safety anytime.
- Real time pressure-time, flow-time loop oscillogram and high precision O₂ concentration detection function included.

