TECHNICAL SPECIFICATION

Ventilation mode

IPPV, A/C, PCV, PSV, SIMV, SIGH, MANUAL

Ventilator parameter range

Flowmeter	O_2 (0.1 ~ 10 L/min)
	N_2O (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
Frequence（Freq）	1 /min ~ 100 /min
I:E	VTH 4:1 ~ 1:8 VTL 2:1 ~ 1:8
PEEP	0 cmH_2O ~ 30 cmH_2O
Pressure triggering sensitivity (PTr)	-20 cmH_2O ~ 0 cmH_2O (Based on PEEP)
Flow trigger sensitivity （FTr）	0.5 L/min ~ 30 L/min
Pressure control (PC)	5 cmH_2O ~ 60 cmH_2O
SIGH	0 (off) 1/100 ~ 5/100
Apnea ventilation	OFF, 5 s ~ 60 s
Pressure limit	20 cmH_2O ~ 100 cmH_2O

Oscillogram

P-T (pressure-time)
F-T (flow-time)
V-T (volume-time)
$ETCO_2$-T ($ETCO_2$ -time)
P-V loop (pressure-volume loop)
P-F loop (pressure-flow loop)
F-V loop (flow-volume loop)

Wooden case packing size

Wooden case packing size : L 1005 * W 960 * H 1700 mm
G.W. : 227 KG   N.W. : 116.5 kg   CBM : 1.64m³

Alarm and protection

The AC power failure alarm	Power failure or no connection
Internal battery backup low voltage alarm	< 10.2 ± 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_2O ~ 100 cmH_2O
Low airway pressure alarm	0 cmH_2O ~ 20 cmH_2O
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 16 s
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_2O, AIR
Pressure	280 kPa ~ 600 kPa
Voltage	100 ~ 240 V
Power frequency	50/60 Hz

Monitoring parameter

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

S6100A(basic)   S6500   S6100 (optional)   S6200 (optional)   S6600

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

S6200A
Anesthesia System

ADULT · PEDIATRIC

Application

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments.

Professional design for adult, child and infant inhalation anesthesia and respiratory management, with advanced ventilation modes. Outstanding ergonomic design, it ranks high level in safety, stability and convenience as well as user experiences.

S6200A high-end model 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.

S6200A Anesthesia System

TRUST POINT

Optional part 1
Anesthetic gas monitor, vital signs monitor: real-time monitoring of anesthetic gas and patient's condition.

- Patient Centered Ventilation: Precision in an anesthesia ventilator, from conventional ventilation to advanced modes and adapt to a wide range of patients.
- Safety design: Vaporizer with temperature, pressure, flow compensation and self-lock function. Real time pressure-time, flow-time loop oscillogram and high precision $ETCO_2$, O_2 concentration detection function included.
- Alarm: Three level alarm system, visual and sound alarm information.
- Power: Built-in battery ensure 2-3 hours using when power failure.
- Separate design of electric circuit and gas circuit ensure long using life.
- Flexible configurations able to customize your require ments.
- Designed and manufactured by Superstar Medical with over 14 years experience in this area.
- Altitude compensation: Suitable for high/low altitude areas.

12.1" TFT LCD touch screen

- Displays the Ventilation parameters, Alarm information and Oscillogram. High sensitivity touch screen ensures accurate and easy operation.
- Alternate button for dual control.

Electronic flowmeter

High precision flowmeter, instantly know the fresh gas flow to patient.
O_2 and N_2O linkage device ensure O_2 concentration no less than 25%.

Vaporizer

Accurately delivers a calibrated flow, Halothane, Enflurane, Isoflurane, Sevoflurane for choice. Suitable for low flow anesthesia, save cost.

Breathing circuit

Integrated breathing circuit design.
Breathing tube resistants high temperature sterilization.
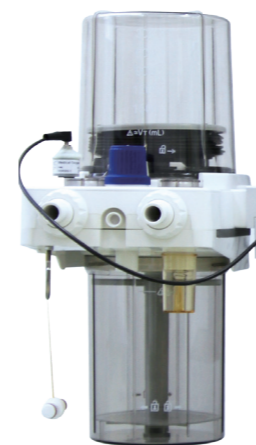Ensure easy operating and keep tidy.

Bellow
Integrated bellow 0mL-1500mL.
Suitable for all range of patients.

APL valve
Automatic decompression to ensure safety.

$ETCO_2$
End-tidal carbon dioxide concentration monitoring, real-time understanding of the patient's state.

LED top light
Convenient for endoscopy operation.

Pressure gauge
Real time pressure for Air, O_2, N_2O from central gas supply and gas cylinders.

ACGO and fast oxygen supply
Emergency situation and revival after operation.

Handle
Easy and safe transport.

Drawer
3 drawers with a large capacity for storing accessories.

Pedal
User-friendly design is convenient for doctors to relax foot. Central brake is optional.

Caster
Diameter : 125mm,
2 individual brakes of 4 casters.

Optional part 2
AGSS: To enhance the safety of the environment in which members of staff in close proximity with waste anesthetic gases and vapors (agents) work.