TECHNICAL SPECIFICATION

Ventilation mode

IPPV, V-A/C, P-A/C, V-SIMV, P-SIMV, PCV-PC, PCV-VG, PSV, 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	4:1 ~ 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 ~ 70 cmH_2O
SIGH	0 (off) 1/100 ~ 5/100
Apnea ventilation	OFF, 5 s ~ 60 s
Pressure limit	10 cmH_2O ~ 100 cmH_2O

Oscillogram

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

Wooden case packing size

Wooden case packing size : L 920* W 970* H 1380 mm		
G.W. : 155 KG	N.W. : 87.5 KG	CBM : 1.23 m³

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
Input power	80 VA

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 %

S6100
Anesthesia System

ADULT · PEDIATRIC

optional

S6100A(basic)　　S6500　　S6100A(high)　　S6200A　　S6600

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

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.

S6100 comfortable classic model, easy to use and be designed together with experienced experts to streamline your anesthesia workflow.

High precision flowmeter
instantly know the fresh gas flow to your patient.
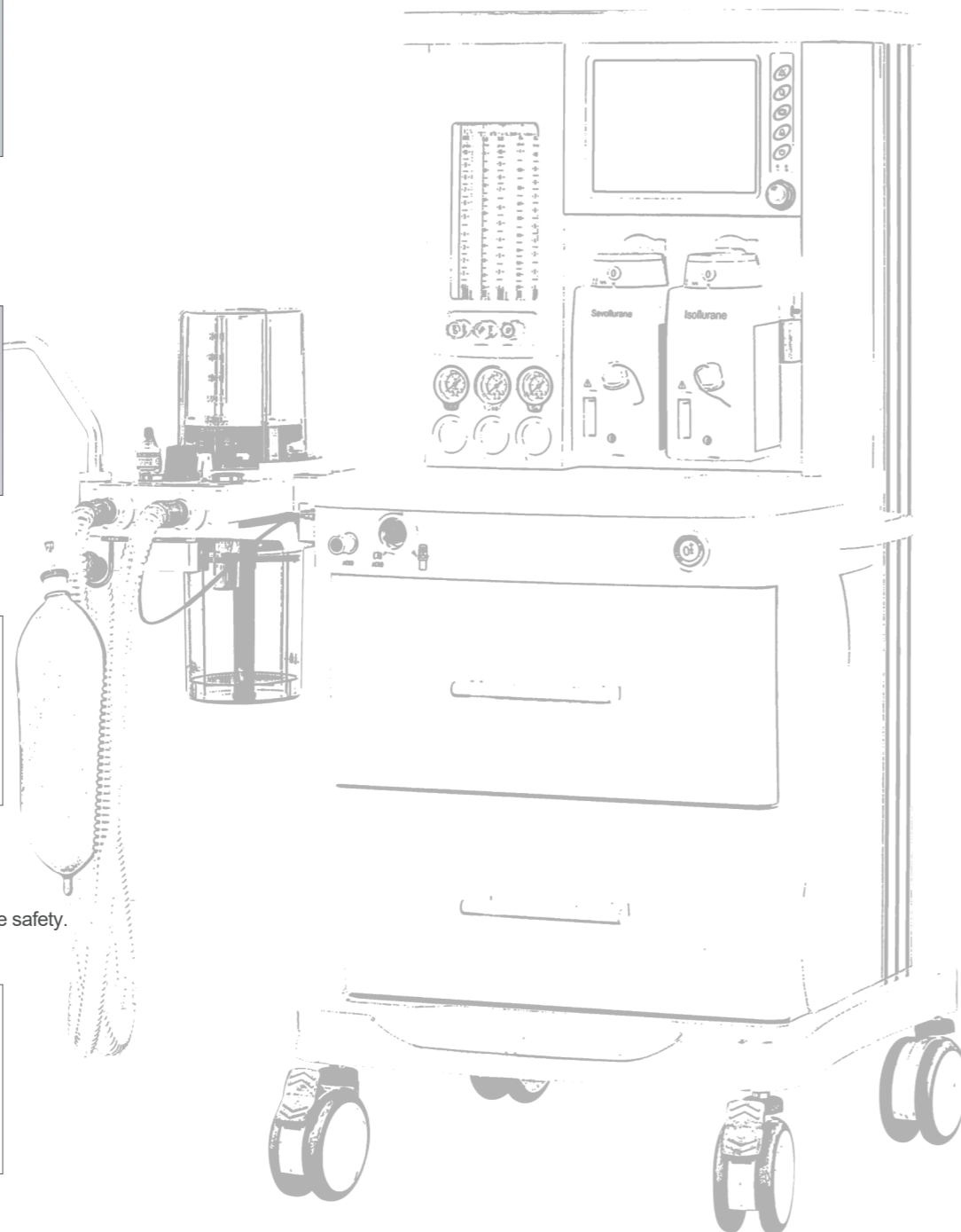

Pressure gauge
Real time pressure.

Bellow, APL valve
Integrated bellow 0mL-1500mL.
Suitable for all range patients.
Automatic decompression to ensure safety.

Breathing circuit
Integrated breathing circuit design, ensure easy operating and keep tidy.
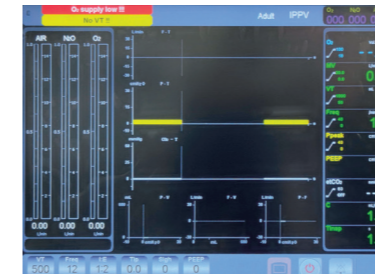
S6100 Anesthesia System

10.4" TFT LCD screen
Displays the Ventilation parameters, Alarm information and Oscillogram.

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

Optional part 1
Vital sign monitor and anesthetic gas monitor.

Optional part 2
ETCO$_2$ module and Anesthesia Gas Scavenging System (AGSS).

Trust point

- Simplicity: 4 static casters with self-locking function.
- Precision in an anesthesia ventilator with multiple ventilation modes: IPPV, V-A/C, P-A/C, V-SIMV, P-SIMV, PCV-PC, PCV-VG, PSV, SIGH, MANUAL.
- Flexible configurations able to customize your requirements.
- International standard and advanced technology suitable for wide range use.
- Compact interface and big screen give you better operating experience.
- Over 5,000 units are installed in more than 200 countries.
- Designed and manufactured by Superstar Medical with over 14 years of experience in ICU field.

Safety

- 3 level alarm system, visual and sound alarm information.
- With multiple types of alarm, reminder and protection functions.
- Advanced power management control technology.
- Built-in backup battery provides the emergency power supply to the unit.
- Low O$_2$ pressure alarm and N$_2$O cut-off protection.