HF-S6100
「PATIENT MONITOR」

HF-S6100

Anesthesia System

Application

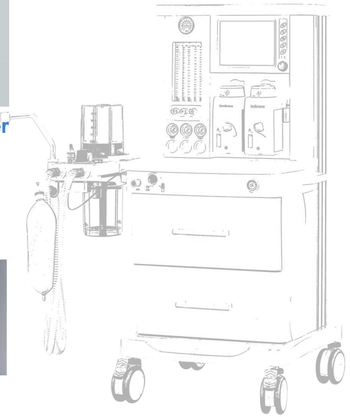
The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments.
Professional design for adult, child and infant inhalation anesthesia and respiratory management, with advanced ventilation modes. Outstanding ergonomic design, 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.

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).

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

Monitoring parameter

Frequence（Freq）	0 /min ~ 120 /min
Tidal volume (Vt)	0 mL ~ 3000 mL
MV	0 L/min ~ 100 L/min
Oxygen concentration	15 % ~ 100 %

Wooden case packing size

Wooden case packing size : L 920* W 970* H 1390 mm

G.W. : 155 KG N.W. : 87.5 KG CBM : 1.24 m³

Alarm and protection

High MV alarm	Power supply undervoltage alarm
Low MV alarm	Low tidal volume alarm
High airway pressure alarm	Continuous pressure alarm
Low airway pressure alarm	High frequency alarm
No tidal volume alarm	Suffocation alarm
High tidal volume alarm	Backup power alarm
Abosorber disconnection alarm	Battery exhausted alarm
High oxygen concentration alarm	Fan error
Low oxygen concentration alarm	Low oxygen supply alarm
High $ETCO_2$ concentration alarm	Low frequency alarm
Low $ETCO_2$ concentration alarm	

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

Oscillogram

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

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 O2 pressure alarm and N2O cut-off protection.