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	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 ~ 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

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 %

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)

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	20cmH_2O ~ 100cmH_2O
Low airway pressure alarm	0cmH_2O ~ 20cmH_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+1.5kPa) over 16s
Suffocation warning	5s-60s 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

Packing size

Wooden case packing size	L 870 * W 890 * H 1510 mm
G.W.	195 KG
CBM	1.17 m^3
Anesthesia machine size	L 930 * W 750 * H 1405 mm
N.W.	124 KG

Other models for your reference ：


HG6100D


HG6100C

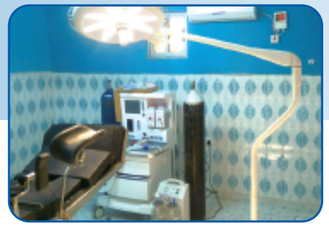

HG6100A


HG6100

HG6100X

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

HG6100 PLUS *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 safty, stability and convenience as well as user experiences. HG6100 PLUS 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.

Trust point

- Patient Centered Ventilation: Precision in an anesthesia ventilator, from conventional ventilation to advanced modes and adapt to wide range patient.
- Safty 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 requirements.
- Designed and manufactured by Superstar Medical with over 25 years experience in this area.

12.1" 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%.

Bellow

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

APL valve

Automatic decompression to ensure safety.

$ETCO_2$

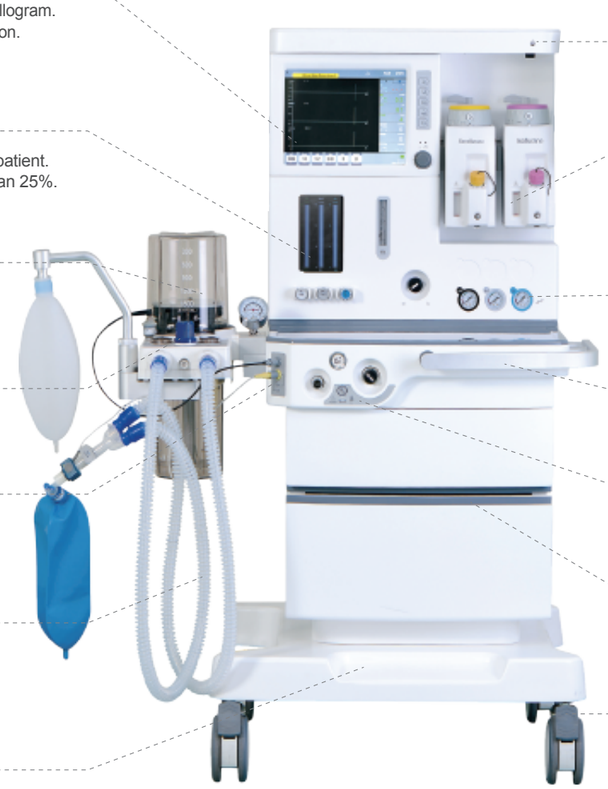
End-tidal carbon dioxide concentration monitoring, real-time understanding of the patient state.

Breathing circuit

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

Pedal

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



LED top light

Convenient for endoscopy operation.

Vaporizer

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

Pressure gauge

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

Handle

Easy and safety transport.

ACGO and fast oxygen supply

Emergency situation and revival after operation.

Drawer

2 drawers with large capacity for storing accessories.

Caster

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

Optional part 1

Anesthetic gas monitor, Vital Signs Monitor:
Real-time monitoring of anesthetic gas and patient's physiological condition.

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.