# TECHNICAL SPECIFICATION

## Ventilation mode

V-CMV, V-SIMV, P-CMV, P-SIMV, PSV, PCV-VG, MANUAL

## Ventilator parameter range

| | |
|---|---|
| Tidal volume(Vt) | 0, 10 mL ~ 1500 mL |
| Frequence(Freq) | 4 /min ~ 100 /min |
| I:E | 4:1 ~ 1:10 |
| PEEP | 0 $cmH_2O$ ~ 30 $cmH_2O$ |
| Rapid oxygen supply | 25 L/min ~ 75 L/min |
| Pressure trigger | 0 kPa ~ 30 $cmH_2O$ |
| Flow trigger | 0.3 L/min ~ 15 L/min |
| Pressure support | 3 $cmH_2O$ ~ 50 $cmH_2O$ |
| Pressure limit | 10 $cmH_2O$ ~ 100 $cmH_2O$ |
| Inspiration apnea | OFF, 5 % ~ 60 % |
| Inspiration time | 0.2 s ~ 5 s |
| Trigger | 5 % ~ 95 % |
| SIMV frequency | 4 /min ~ 60 /min |
| Rise time | 0 s ~ 2 s |
| Flowmeter | $O_2$ (0 ~ 15 L/min) |
| | $N_2O$ (0 ~ 15 L/min) |
| | AIR (0 ~ 15 L/min) |

## 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)
- F-V loop (flow-volume loop)
- F-P loop (flow-pressure loop)

## Wooden case packing size

Wooden case packing size： L 1005 * W 960 * H 1700 mm

G.W.： 253 KG N.W.： 132 KG CBM： 1.650 $m^3$

## Alarm and protection

| | |
|---|---|
| VT upper limit | 5 mL ~ 2000 mL |
| VT lower limit | 0 mL ~ 1995 mL |
| MV upper limit | 0.1 L/min ~ 100 L/min |
| MV lower limit | 0.0 L/min ~ 99.9 L/min |
| Respiration frequency upper limit | 2 /min ~ 100 /min |
| Respiration frequency lower limit | 0 /min ~ 98 /min |
| $FIO_2$ upper limit | 20 % ~ 100 % |
| $FIO_2$ lower limit | 18 % ~ 98 % |
| Airway pressure upper limit | 2 $cmH_2O$ ~ 100 $cmH_2O$ |
| Airway pressure lower limit | 0 $cmH_2O$ ~ 98 $cmH_2O$ |
| Apnea | 20s, 25s, 30s, 35s, 40s, 45s, 50s, 55s, 60s |
| Oxygen concentration never lower than 25 % when $N_2O$ start | |

## Testing

- Automatic leakage compensation testing
- Patient circuit leakage compensation and automatic compliance compensation
- Patient monitor and AG monitor can be equipped
- Manual ventilation, mechanical ventilation and standby
- Oscillogram: P-T, F-T, V-T, Lung function loop, $ETCO_2$
- Self-testing visible
- Alarm visible
- ACGO function

## Monitoring parameter

| | |
|---|---|
| Frequence (Freq) | 0 /min ~ 100 /min |
| Tidal volume (Vt) | 0 mL ~ 2500 mL |
| Minute volume | 0.1 L/min ~ 99.9 L/min |
| Oxygen concentration | 15 % ~ 100 % |
| Airway pressure | -20 $cmH_2O$ ~ 100 $cmH_2O$ |
| Inspiration platform pressure | 0 $cmH_2O$ ~ 100 $cmH_2O$ |
| PEEP | 0 $cmH_2O$ ~ 70 $cmH_2O$ |
| I:E | 4:1 ~ 1:10 |


S6100A(basic)


S6500

optional


S6100

optional


S6200A


S6200

*Other models for your reference*

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


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SUPERSTAR MEDICAL EQUIPMENT
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Friendly Powerful Reliable

# S6600
## Anesthesia System

ADULT · PEDIATRIC · NEONATAL

SUPERSTAR MED
SUPERSTAR MEDICAL EQUIPMENT

*Be the Superstar in medical field*

# S6600 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, children and neonatal 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.
S6600 latest model with the highest technology, more comfortable for doctors and more safety for patients.

### 15” TFT LCD touch screen

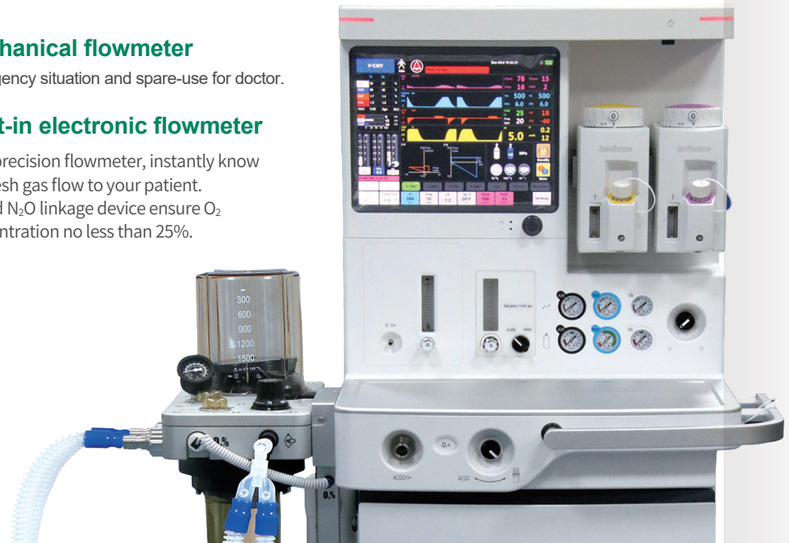
- Extra-large screen, high sensitivity touch give you better operating experience.
- Displays the ventilation parameters, alarm information and oscillogram.

### Mechanical flowmeter

Emergency situation and spare-use for doctor.

### Built-in electronic flowmeter

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



## 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: 12 alarms to make sure the safety. 3 level alarm system, visual and sound alarm information.
- Built-in battery ensure 2-3 hours using when power failure.
- Visible self-checking system: Make sure the safety of all parts.
- Before setting parameters, choose freely type of patients: adult, children and neonatal. Also preset the age of patient.
- Separate design of electric circuit and gas circuit ensure long using life.
- Language: 8 languages for exchange including Chinese, English, Spanish, French, Russian, Turkish, German, Portuguese.

### Auxiliary $O_2$ supply

Provide fresh oxygen to the patient for independent use.


### Vaporizer

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

### $O_2$ and air supply

Provide fresh oxygen or air to the patient for independent use.

### Breathing circuit and bellow

Integration breathing circuit and bellow design, ensure easy operating and keep tidy. With bypass and heating function.

### APL valve

Decompression automatic to ensure safety.

### Oxygen concentration detector

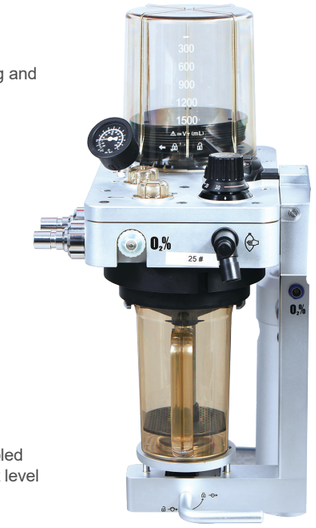
Real-time monitoring of oxygen concentration for safety.

### ACGO and fast oxygen supply

Emergency situation and revival after operation.

### $CO_2$ absorber 1.2L

With bypass function and heating function, can be directly disassembled and replaced the Soda Lime during operation. Make sure the comfort level of patients and also avoid backflow of condensate water.



6 auxiliary plugs

VGA RS232 USB connector and $ETCO_2$

AGSS (optional part)


### Other optional parts

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