



## ME 6100C Anesthesia System



### Friendly Powerful Reliable

### Application:

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments. From high to low acuity, simple to complex cases, pediatric to geriatric patients, Our Anesthesia Systems offer you the choices you need in ventilation, monitoring and technique. what's more, our expertise in anesthesia delivery and ventilation is based on rich 23-year history of developing anesthesia solutions that meet your needs. Good performance based on High Security, High Accuracy, High Stability and accurate monitoring.



## Trust Points

- Simplicity: easy to use, easy to move with 4 wheels.
- Choice: adapt the equipment to your patients and procedures freely
- Patient Centered Ventilation: Precision in an anesthesia ventilator, from conventional ventilation to advanced modes, including 3 modes: IPPV; A/C; SIMV.
- Designed and manufactured with over 23 years experience in this area.
- Flexible configurations to suit your needs.
- International standard and advanced technology suitable for wide range use.
- Compact interface and touch screen give you better operating experience.
- Over 2,000 units installed in the world.

## Features

- 7" TFT LCD screen displays the Ventilation parameters, Alarming information and Waveform.
- High precision flow meter, instantly know the fresh gas flow to your patient.
- Integration breathing circuit design, ensure easy operating and keep tidy.
- Multiple working modes such as volume control and pressure limit, adapt to wide range patient.
- Vaporizer with temperature, flow compensation and self-lock function (S6100D can only equipped with one vaporizer), keep safety anytime.
- Multiple parameters monitoring interface, make every parameter clear, let users know the patient conditions in all aspects;
- Real time pressure-time, flow-time loop graphics and high precision O2 concentration detection function included.
- Vital sign monitor and Anesthetic gas monitor are optional.
- With ACGO function.

## Safety

- Three level alarming system, visual and sound alarm information.
- With lots of alarming, reminding and protection functions.
- Advanced power management control technology.
- Low O2 pressure alarm and N2O cut-off protection.

## Specifications

Ventilation modes:

IPPV; A/C; SIMV;SIGH;Manual;STANDBY



**Ventilator parameter ranges**

Flow meter	O <sub>2</sub> (0.1-10L/min) N <sub>2</sub> O(0.1-10L/min) AIR(0.1-10L/min)
Rapid oxygen supply	35L/min-75L/min
Tidal volume(Vt)	0, 20 mL ~ 1500 mL
Frequence (Freq)	1bpm ~ 100 bpm
I/E	2:1-1: 6
PEEP	0cmH <sub>2</sub> O ~ 30 cmH <sub>2</sub> O
Pressure triggering sensitivity (PTr)	-20 cmH <sub>2</sub> O ~ 0 cmH <sub>2</sub> O (Based on PEEP)
Flow trigger sensitivity (FTr)	0.5 L/min ~ 30 L/min
Pressure control (PC)	5 cmH <sub>2</sub> O ~ 60 cmH <sub>2</sub> O
SIGH	0(off) 1/100 ~ 5/100
Apnea Ventilation	OFF, 5 s ~ 60 s
Pressure Limit	20 cmH <sub>2</sub> O ~ 100 cmH <sub>2</sub> O
Monitored Parameters	
Frequence (Freq)	0 /min ~ 100 /min
Tidal volume(Vt)	0 mL ~ 2000 mL
MV	0 L/min ~ 100 L/min
Oxygen concentration	15 % ~ 100 %
Graphical display:	Oxygen concentration

**Alarm and protection**

No tidal volume	≤5MI within 6s
High oxygen concentration alarm	19%-100%
Low oxygen concentration alarm	18%-99%
High Airway pressure alarm	20cmH <sub>2</sub> O-100cmH <sub>2</sub> O
Low Airway pressure alarm	0cmH <sub>2</sub> O-20cmH <sub>2</sub> O
High Minute Volume alarm	Adult(5L/min-20L/min) Paed(1L/min-15L/min)
Low Minute Volume alarm	0-10L/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 conditions**

Gas source	O <sub>2</sub> ,N <sub>2</sub> O
Pressure	280kPa-600kPa
Voltage	100-240V



Power frequency 50/60Hz  
Input power 40VA  
Vaporizer



**Anesthesia gas**

Halothane

Enflurane

Isoflurane

Sevoflurane

**Adjustable scope % (volume percentage)**

0 ~ 5

0 ~ 5

0 ~ 5

0 ~ 8