

Cherish your life, Cherish your health!



FMD6100D Anesthesia Machine

ADULT · PEDIATRIC · VETERINARY
Friendly Powerful Reliable

Application

Anesthesia machine performs well in Intensive Care Units (ICU), Operating Room, Department of Anesthesiology and other departments. It offers the options you need in ventilation, monitoring and technique for pediatric and geriatric patients, from high to low, from simple to complex. In addition, our expertise in anesthesia delivery and ventilation ensures good performance based on high safety, high accuracy, high stability and accurate monitoring in the development of anesthesia solutions that meet your needs.

Trust point

- 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.
- 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.

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.

Advantage

- 17" 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.



Technical Specification

Ventilation mode

IPPV, A/C, SIMV, SIGH, MANUAL

Ventilator parameter range

Flowmeter	O ₂ (0.1 ~ 10 L/min)
	N ₂ O (0.1 ~ 10 L/min)
Rapid oxygen supply	25 L/min ~ 75 L/min
Tidal volume (Vt)	0, 20 mL ~ 1500 mL
Frequency	1 /min ~ 100 /min
I:E	2:1 ~ 1:6
PEEP	0 cmH ₂ O ~ 30 cmH ₂ O
Pressure triggering sensitivity Rtr	-20 cmH ₂ O ~ 0 cmH ₂ O (Based on PEEP)
Flow trigger sensitivity (Ftr)	0.5 L/min ~ 30 L/min
SIGH	0 (off) 1/100 ~ 5/100
Apnea ventilation	OFF, 5s ~ 60s
Pressure limit	20 cmH ₂ O ~ 100 cmH ₂ O

Monitoring parameter

Frequency	0 /min ~ 100 /min
Tidal volume (Vt)	0 mL ~ 2000 mL
MV	0 L/min ~ 100 L/min
Oxygen concentration	15 % ~ 100 %

Wooden case size

Wooden case packing size	L 740* W 800* H 1460mm
G.W.	98KG
N.W.	66KG

Other models for your reference:

Alarm and protection

The AC power failure alarm	Power failure or no connection
Low voltage alarm for back up battery	< 11.3±0.3V
No tidal volume	≤5mL within 6s
High oxygen concentration alarm	19% ~ 100%
Low oxygen concentration alarm	18% ~ 99%
High airway pressure alarm	20 cmH ₂ O ~ 100 cmH ₂ O
Low airway pressure alarm	0 cmH ₂ O ~ 20 cmH ₂ O
High minute volume alarm	Adult (5 L/min ~ 20 L/min) Paed (1 L/min ~ 15 L/min)
Low minute volume alarm	0 ~ 10 L/min
Continuous pressure alarm	(PEEP+1.5 kPa) 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

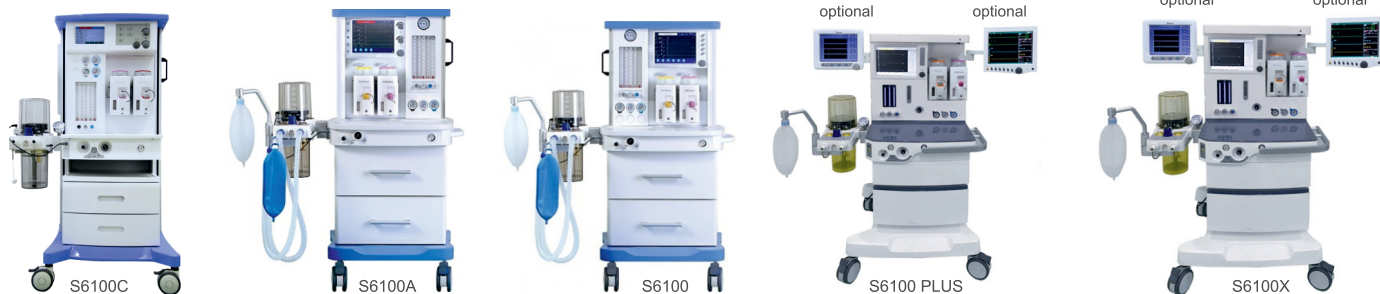
Working condition

Gas source	O ₂ , N ₂ O
Pressure	280 kPa ~ 600 kPa
Voltage	100 ~ 240V
Power frequency	50/60 Hz

Oscillogram

P-T (pressure – time)

F-T (flow – time)



Other models for your reference The picture is for reference only. For more information, please contact FAMED SAĞLIK TIBBİ CİHAZLAR sales representatives.



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