

Cherish your life, Cherish your health!



# FMD-6A VETERINARY Anesthesia System

*Friendly Powerful Reliable*

## Application

Veterinary Anesthesia System is widely applied to veterinary clinics, hospitals and laboratories, as always received good reputation from clients around the world. DM6A model designed for safe, simple and controllable inhalation anesthesia for animals.

The Veterinary Anesthesia System provides rapid control of anesthetic depth with little resistance to respiration from high to low acuity, simple to complex cases, small to big animals, like Dogs, Cats, Rabbits, Mice, Birds, etc.

## Safety

- Three level alarm system, visual and sound alarm information.
- Intelligent dual system controls ensure safe use in clinics.
- With lots of alarm, reminder and protection functions.
- Advanced power management control technology.
- Built-in backup battery provide the emergency power supply up to 2-3 hours for the unit.

## Advantage

- 10.4" touch screen displays information area, alarm area, monitoring area, and setting area.
- Electronic flowmeter, instantly know the fresh gas flow to animals.
- Vaporizer with temperature, pressure, flow compensation and self-lock function, keep safety anytime.
- Real time pressure-time, flow-time loop oscillogram and high precision
- ETCO<sub>2</sub>, O<sub>2</sub> concentration detection function included.
- Electronic PEEP makes parameter adjustment more precise.
- Screen displays manual or mechanical ventilation, keeps safety.
- Built-in sensor design with longer use life.
- Wide use range for animals within 200KG.
- ETCO<sub>2</sub> module and Anesthesia Gas Scavenging System (AGSS) are optional.

## Trust point

- 4 casters with 2 individual brakes.
- Precision in an anesthesia ventilator with multiple ventilation modes: IPPV, A/C, PCV, SIMV, SIGH and MANUAL.
- Compact interface and 10.4" TFT LCD touch screen give you better operating experience.
- Flexible configurations able to customize your requirements.
- International standard and advanced technology suitable for wide range use.
- Over 5,000 units are installed in more than 200 countries.



## Technical Specification

### Ventilation mode

IPPV,A/C,PCV,SIMV,SIGH,MANUAL

### Ventilator parameter range

Flowmeter	O <sub>2</sub> (0.1~10L/min) N <sub>2</sub> O (0.1~10L/min)
Rapid oxygen supply	25L/min~75L/min
Tidal volume (Vt)	0, 20 mL ~ 1500 mL
Frequency (Freq)	1/min ~ 100/min
I:E	4:1 ~ 1:8
PEEP	0cmH <sub>2</sub> O~20cmH <sub>2</sub> O
Pressure triggering sensitivity(Ptr)	-20 cmH <sub>2</sub> O~20 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

### Monitoring parameter

Frequency (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)
P-V loop (pressure – volume loop)
V-T (volume – time)
ETCO <sub>2</sub> -T (ETCO <sub>2</sub> – time)

### 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	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)
Low minute volume alarm	Paediatric (1L/min-15L/min) (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 condition

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

### Size

Wooden case packing size	L 740*W 795*H 1540mm
G.W.	98KG
N.W.	66KG
CBM	0.99m <sup>3</sup>

Other models for your reference:



DM6A



DM6B



DM6C

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



**FAMED SAĞLIK TIBBİ CİHAZLAR İTH.İHRC. ve SAN. TİC. LTD. ŞTİ.**

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