

Technical Specifications

Ventilation Modes

IPPV, A/C, PCV, SIMV, SIGH

Ventilator Parameter Ranges

Flow meter	O ₂ (0.1-10L/min) N ₂ O (0.1-10L/min)
Rapid oxygen supply	35L/min-75L/min
Tidal volume (Vt)	0, 20 mL ~ 1500 ML
Frequency (Freq)	1bpm ~ 100 bpm
I/E	4:1~1:8
PEEP	0cmH ₂ O ~ 30 cmH ₂ O
Pressure triggering sensitivity(PT _r)	-20 cmH ₂ O~20 cmH ₂ O(Based on PEEP)
Flow trigger sensitivity (FTR)	0.5 L/min ~ 30 L/min
Pressure control (PC)	5 cmH ₂ O ~ 60 cmH ₂ O
SIGH	0(off) 1/100 ~ 5/100
Apnea ventilation	OFF, 5 s ~ 60 s
Pressure limit	20 cmH ₂ O ~ 100 cmH ₂ O

Monitoring Parameters

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

Oscillographs Display

P-T (pressure – time)
F-T (flow – time)
P-V loop (pressure – volume loop)
V-T (volume – time)
ETCO ₂ -T (ETCO ₂ – time)

Alarms 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 ₂ O-100cmH ₂ O
Low airway pressure alarm	0cmH ₂ O-20cmH ₂ 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 Conditions

Gas source	O ₂ , N ₂ O
Pressure	280kPa-600kPa
Voltage	100-240V
Power frequency	50/60Hz
Input power	80VA

Size

Wooden case packing size	L 680*W 740*H 1400mm
G.W.	100KG
N.W.	70KG



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



www.rooemed.com



DM-6A Veterinary Anesthesia System

Friendly Powerful Reliable

DM-6A Veterinary Anesthesia System

Application

Designed for safe, simple and controllable inhalation anesthesia for animals. The Veterinary Anesthesia machine provides rapid control of anesthetic depth with little resistance to respiration from high to low acuity, simple to complex cases, small to big animals.



APL valve



Bellow



Breathing circuit

Trust Points

- Simplicity: Four static casters with self-locking function.
- Precision in an anesthesia ventilator with multiple ventilation modes: IPPV, A/C, PCV, SIMV, SIGH and MANU.
- Compact interface and 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.
- Designed and manufactured by Perlong Medical with over 23 years of experience in veterinary field.

Safety

- Three levels 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 to the unit.



Halothane: 0~5% Enflurane: 0~5% Isoflurane: 0~5% Sevoflurane: 0~8%

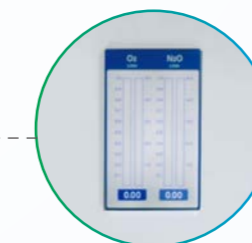
1 set vaporizer for standard, can be installed 2 vaporizers in all.



10.4" Touch Screen



Pressure gauge



Electronic flowmeter

Advantages

- 10.4" TFT LCD touch screen displays the ventilation parameters, alarm information and oscillographs.
- Electronic flow meter, instantly know the fresh gas flow to the animals.
- Integration breathing circuit design, ensure easy operation and keep tidy.
- Multiple working modes such as volume control and pressure limit, adapt to wide range animals.
- Vaporizer with temperature, flow compensation and self-lock function, keep safety anytime.
- Multiple parameters monitoring interface, make every parameter clear, let users know the animal conditions in all aspects.
- ETCO₂ module and Anesthesia Gas Scavenging System (AGSS) are optional.
- Pressure-time, low-time loop oscillographs and high precision ETCO₂, O₂ concentration show in real time.
- Wide use range including animals within 200KG.

