RM-C2
Animal End-tidal CO_2 Monitor

RWD



Always keep safe

Equipped with a free app, you can check the end-of-exhalation monitoring status remotely on your mobile phone

S/L

Standard large/small airway adapter to meet the needs of different animals

Mainstream CO_2 monitoring, real-time measurement of CO_2 concentration exhaled by animals

Display data and $ETCO_2$ waveform within 4 seconds

Dual sound and light alarms, fully covering abnormal conditions such as adapter, battery, monitoring data, etc

Dual display of waveform and numerical value provides doctors with comprehensive interpretation

Real-time heating of the gas passage prevents water vapor condensation, ensuring sample purity and monitoring data accuracy

Rechargeable lithium battery (1100mAh/3.7V), Type-C charging port, standby time of no less than 6 hours

From Animal Needs, for Animal Use

Why should $ETCO_2$ be monitored during anesthesia?

Monitoring of end-tidal CO_2 concentration/partial pressure ($ETCO_2$) can simultaneously reflect pulmonary ventilation and pulmonary blood flow, helping veterinarians to identify the ventilation status of animals in a timely manner.

- When using a ventilator and anesthesia, the veterinarian can adjust the ventilation volume based on $ETCO_2$ measurement to keep $ETCO_2$ close to the preoperative level.
- The $ETCO_2$ waveform can also determine whether the endotracheal tube is in the airway.
- For those who are undergoing mechanical ventilation, if there is leakage, catheter distortion, tracheal obstruction or other faults, the $ETCO_2$ numbers and morphology will change and an alarm will appear immediately, allowing for timely detection and treatment.
- Continuous monitoring provides a basis for safe evacuation of mechanical ventilation.

Monitoring $ETCO_2$ can help you cope… …

Safety application of anesthesia machines and ventilators

Confirming the position of the endotracheal tube during general anesthesia

Various types of respiratory insufficiency

Heart failure and pulmonary infarction

Severe shock

Cardiopulmonary

Technical Parameters

CO_2 Resolution	1mmHg or 0.1kPa or 0.1%
CO_2 Range	0～99 mmHg 0～9.9 % 0～9.9 kPa
Respiratory rate	0～150 bpm
Respiratory rate accuracy	±1 bpm
Large Airway Adapter	Dead space 6 ml, Flow resistance < 0,3 cm H_2O (@ 30 LPM)
Small Airway Adapter	Dead space 1 ml, Flow resistance < 1,3 cm H_2O (@ 10 LPM)
Display	128 *128 pixels 1.44 inch TFT color display
Dimensions	51mm x 43mm x 45 mm
Weight	<68 g (Included batteries)
Sound Intensity Level	⩾ 50 dB(A); ⩽ 67 dB(A)
Batteries	Rechargeable lithium battery (1100mAh/3.7V), Type-C charging port
Battery life	⩾ 6 hours
Bluetooth data output data rate	50Hz

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