



# MODEL M4 <sup>VET</sup>

Vital Sign Monitoring System with ECG / Resp,  
SpO<sub>2</sub>, NIBP, Temp. & Pulse Rate  
Upgradeable to IBP & EtCO<sub>2</sub>  
(for Veterinary use)



## Key Features

- 21.3 cm. superior resolution color TFT LCD
- Parameters include: ECG, RESP, NIBP, SPO<sub>2</sub>, Pulse Rate & Temp
- Optional: Single / Dual IBP, ETCO<sub>2</sub>, Dual Temperature, Thermal Printer
- Fully digital monitoring, highly integrated technology
- 7-lead ECG waveforms displayed in one screen simultaneously
- Four user interface, includes standard interface, OXY-CRG interface, seven waveforms interface, waveform and trend interface
- 72 hours trend storage, 1200 group NIBP data storage, 120 group alarm storage
- Audio and visual comprehensive alarm
  - Built-in rechargeable battery
  - Suitable for small to big Animals



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## Product Specifications

### Monitor dimensions & weight

Dimensions: 202 mm x 262mm x 110 mm  
Weight: 3.4 Kg

### Work environment

Temperature range:  
Work condition: 0 – 45°C  
Storage condition: -20 – 55°C

### Humidity range:

Work at 45°C: 85%;  
Storage at 40°C: 93%

### Electrical specification:

100 – 250V AC, 50 / 60 Hz,  
Maximum input power 90VA

Scope: Newborns, infants, adults

### Monitor functional specification

Display: Color 21.3 cm TFT screen,  
resolution 640 x 480  
Language options: English  
Indicators: 7-waveform display  
Alarm indicating light  
QRS voice & voice alarming  
Measurement parameter cable interface  
Interfaces: Power supply socket  
Simulated signal output  
(1V & 5V amplitude optional,  
tolerance <20%),  
Output impedance 50Ω,  
signal delay <30ms  
Battery: Chargeable, up to 2 hour backup  
TREND time: 1 – 72 hours  
Recorder: Optional

## ECG Specification

Displaying graphics of 7 leads on the same screen  
Overload protection: Defibrillation  
Anti-interference of high-frequency electromagnetism

Lead: 5-lead (RA; LA; RL; LL; C)  
Lead Selection: I; II; III; avR; avL; avF; V;  
Waveform: > 9 channels  
Gain Selection: ±0.5; ±1; ±2; ±4  
Electrical Leakage: < 30µA  
Baseline Recovery Time: < 3 sec following defibrillation  
Protection: Separates and withstands  
4000V AC/50 Hz defibrillation  
Resistant to interference of  
electrotronus and myoelectricity  
Scan Speed: 12.5mm/25mm/50mm/sec  
Lead Drop: Auto detection

## RESP Specification

Method: RA-LL impedance  
Resolution: 1 RPM  
Accuracy: ±2 BPM

## NIBP Specification

Uni-Direct, Reverse and Quick modes  
Method: Automatic oscillometric  
Working Mode: Auto / Manual

## SpO<sub>2</sub> Specification

SpO<sub>2</sub> probe of high intensity and durability  
Excellent measurement of low perfusion  
Anti-interference of movement

Sensor Type: Lingual, Rectal



Standard Configuration: ECG / Resp, NIBP, SpO<sub>2</sub>, Pulse Rate, Temperature  
Optional Configuration: Single / Dual IBP, EtCO<sub>2</sub>, Thermal Recorder

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