

VM800 Animal Monitor



Overview

The VM800 series veterinary monitors are specifically designed to address the daily clinical monitoring requirements in veterinary environments. Offering accurate measurements, these monitors are compact and user-friendly, adapting to diverse veterinary settings.



HD Display



Touch Screen



Silence



Intelligent Setting



Easy Clean



More Readable

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Features

Excellent performance	
LoPulseStr™ SpO ₂ algorithm	More reliable readings of SpO ₂ during low perfusion and motion
iFastBP® NIBP algorithm	Fast and comfortable measurement
wSmartHeart® ECG technology	Safer animal monitoring
iRealResp™	Accurate breathing rate during motion
wSmartGas® Capnograph	Reliable readings in multi-environments
Powerful function	
Multi display mode	Big font option
Screen	8-inch optional display
Connectivity	Wi-Fi for flexible applications
eTeleView™	Central Monitor System support
Smart alarm system	Safer and more efficient
Design	Fanless, compact, easy to use





Product Optional Guider

VM 800	Applications
Standard	SpO ₂ , PR, NIBP, TEMP
Optional	3 Leads ECG, 5 Leads ECG, EtCO ₂ (Mainstream, TiniStream), Wi-Fi, Printer, Touch Screen

Multi-scenario application:



Animal care



Operating room

Product Specifications

Dimensions	17.5 cm × 7.2 cm × 12.5 cm
Weight	2.4 kg (including battery, built-in module)
Screen	8 inches



SpO₂

Range	0–100%
Accuracy	70–100%: ±2%; <70%: Undefined
PI Range	0–20%
PI Resolution	0.00%
PR Range	25–350 bpm
PR Accuracy	±3 bpm





ECG

Range	0.15–5.5 mV
Resolution	2.36 μ V/LSB
HR Range	15–350 bpm
HR Accuracy	± 1 bpm or $\pm 1\%$ (whichever is greater)
RR Range	6–120 rpm
RR Accuracy	6–120 rpm: ± 2 rpm or $\pm 2\%$ (whichever is greater)



TEMP

Range	0–50°C
Accuracy	$\pm 0.1^\circ\text{C}$
Resolution	0.1°C



NIBP



Pressure Range	0–300 mmHg
Accuracy	±2 mmHg or ±1% of reading (take larger value)
Resolution	1 mmHg
SYS Range	Large animal: 40–270 mmHg, Medium: 40–235 mmHg, Small: 25–130 mmHg
DIA Range	Large: 10–210 mmHg, Medium: 10–200 mmHg, Small: 10–90 mmHg
Mean Range	Large: 20–230 mmHg, Medium: 20–215 mmHg, Small: 15–100 mmHg
Accuracy	Mean deviation ≤ 5 mmHg; Standard deviation ≤ 8 mmHg

EtCO₂ (Optional)

Range	0–20.0%
Accuracy	0–12 vol%: ±0.2 vol% + 2% of reading 12.1–20 vol%: ±0.5 vol% + 6% of reading
AwRR Range	0–150 rpm
AwRR Accuracy	Mainstream: 0–150 rpm, ±1 rpm Sidestream: 0–70 rpm, ±1 rpm >70 rpm: Undefined

