

Multi-parameter portable veterinary vital sign monitor

Versatile, Portable, Lightweight BM3Vet Touch is specially designed to be used in vet surgery, treatment or cage areas. Compact design with unique handle makes it easy to move from room to room. Its 8" color touch monitor displays all the vital signs that you want in different colors to recognize each parameter easily.

Built-in printer offers documentation of all measured values as well as up to 3 waveforms of information. Alarms and settings are easily adjustable and can be retained after turning off the power.

FEATURES

Superior Advantages

- ECG, SpO₂, NIBP, Respiration and Temperature
- Includes: temperature, transreflectance SpO₂, and esophageal probes*
- 8" high resolution touch screen monitor
- Individual sweep speed setting for each parameter
- Multiple display modes
- Remembers your settings
- Industry's longest warranty - 4 Years!

Extendible Parameters

- Mainstream/sidestream CO₂
(can add plug and play main or sidestream EtCO₂ at any time)
- Sidestream anesthetic gas

Enhanced Data Management

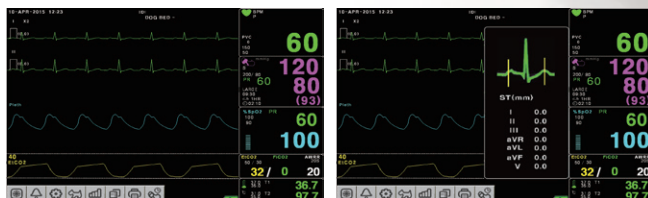
- 168 full hours of trend data stored
- 20 cases × 10 sec alarm waveform stored
- Includes free BT-Link software download for data collection

High-performance Measurement

- ST level, PVC count real-time display
- Very low-perfusion SpO₂ measurement

Transportable

- Li-ion rechargeable battery allows cordless use for up to 1.5 hours



Main Display Mode

ST Analysis Display Mode



Large Parameter Display Mode

Trend Display Mode



Now with Touch Screen

BM3Vet Touch

EtCO₂ Ready

SPECIFICATIONS

General >>>

Monitor Performance Specifications

Display, Resolution	8" color touch TFT LCD, 800 x 600 pixels
Dimension, Weight	238 (W) x 250 (H) x 163 (D) mm, approx. 3.1 kg
Trace	4 waveforms: 2 ECG, SpO ₂ , RR or EtCO ₂ Sweep speed: 6.25, 12.5, 25, 50 mm/sec
Indicators	Categorized alarms (3 priority levels) Heart beat tone SpO ₂ pulse pitch tone Battery status External power LED
Interfaces	DC input connector: 18 VDC, 2.5 A Defibrillator Sync. Output: - Signal Level: 0 to 5 V pulse - Pulse width: 100 ± 10 ms LAN digital output for transferring data Nurse call system connection DC output: 5 VDC, 1 A Max
Battery	Rechargeable Li-ion battery 1.5 hours of continuous operation
Thermal Printer (option)	Speed: 25, 50 mm/sec, paper width: 58 mm
Data Storage	168-hour trends 20 cases of 10 sec alarm waveform
Language	English, French, Spanish, Italian, German, Chinese, Russian, Czech, Polish, Turkish, Romanian, Portuguese, Bulgarian, Korean, Hungarian

Accessory

Standard Accessories	3 lead vet ECG cable 1ea ECG extension cable 1ea NIBP extension tube (3m) 1ea NIBP vet cuff neonate disposable #1-#5 1set NIBP vet cuff infant reusable 1ea SpO ₂ extension cable (2m) 1ea Esophageal probe 1ea Transflectance SpO ₂ probe 1ea Temperature probe (rectal/esophageal) 1ea Reusable multisite SpO ₂ probe 1ea DC adapter (18 VDC, 2.5 A) 1ea BT-Link automated record keeping software, free download
Optional Accessories	5 lead vet ECG cable Temperature probe (skin) Mainstream CO ₂ airway adapter set Sidestream CO ₂ airway adapter set

Optional Module

	Mainstream CO ₂ module (sensor) Sidestream CO ₂ module (sensor) Dual Gas Module (sensor)
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Specifications can be changed without prior notification.

You may have distortion or signal noise when you use nonstandard or other brands' accessories.

We strongly recommend you use only the authorized accessories which we supply.

Performance >>>

ECG	
Lead Type	3-lead, 5-lead
Lead Selection	3-lead: I, II, III 5-lead: I, II, III, aVR, aVL, aVF, V
ECG Waveform	3-lead: 1 Channel 5-lead: 1 Channel
Heart Rate Range	30 - 300 bpm
Heart Rate Accuracy	±1 bpm or ±1%, whichever is greater
Sweep Speed	6.25, 12.5, 25, 50 mm/sec
Filter	Diagnosis: 0.05 - 150 Hz Monitoring: 0.5 - 40 Hz Moderate: 0.5 - 25 Hz Maximum: 5 - 25 Hz
S-T Segment Detection Range	-2.0 to 2.0 mV
Arrhythmia Analysis	Asystole, VTACH, V-fib
Pacemaker Detection Mode	Indicator on waveform display (user selectable)
Protection	Against electrosurgical interference and defibrillation
Respiration	
Method	Thoracic impedance
Channel Selection	RA-LA or RA-LL
Measurement Range	5 - 120 breaths per minute
Accuracy	±1 breath per minute
Apnea Alarm	Yes
SpO₂	
Saturation Range	0 to 100%
Saturation Accuracy	70 to 100% ±2 digits, 0 to 69% unspecified
Pulse Rate Range	30 to 254 bpm
Pulse Rate Accuracy	±2 bpm
NIBP	
Method	Oscillometric
Operation Mode	Manual/Automatic/Continuous
Pressure Range	0 - 300 mmHg
Accuracy	±3 mmHg
Measurement Range	Systolic: 40 - 265mmHg MAP: 27 - 222 mmHg Diastolic: 20 - 200 mmHg
Pulse Rate Range	25 - 300 BPM
Temperature	
Measurement Range	0 to 50 °C (32 to 122 °F)
Accuracy	±1 °C
Compatibility	YSI series 400 temperature probes
Mainstream CO₂ (option)	
Measurement Range	0 to 150 mmHg, 0 to 19%
Accuracy	0 - 40 mmHg ±2 mmHg, 41 - 70 mmHg ±5% of reading, 71 - 100 mmHg ±8% of reading, 101 - 150 mmHg ±10% of reading
Respiration Rate	0 to 150 breaths per minute
Respiration Accuracy	±1 breath per minute
Sidestream CO₂ (option)	
Measurement Range	0 to 150 mmHg, 0 to 19%
Accuracy	0 - 40 mmHg ±2 mmHg, 41 - 70 mmHg ±5% of reading, 71 - 100 mmHg ±8% of reading, 101 - 150 mmHg ±10% of reading
Respiration Rate	2 to 150 breaths per minute
Respiration Accuracy	±1 breath per minute
Dual Gas - Bionet (option)	
Method	Sidestream
Gas	CO ₂ , Iso, Sev, Enf, Hal, Des
Range, Accuracy	CO ₂ : 0-10%, ± (0.2 vol% + 4% relative) Iso/Sev/Enf/Hal: 0-6%, ± (0.15% vol% + 4% relative) Des: 0-18%, ± (0.15% vol% + 4% relative)
Respiration Rate	0-150 BPM ±1 BPM



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