



Medical Measurements
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Ultraportable, Compact Multiparameter Monitor

BM1Vet

A slim, light, versatile, and truly portable multiparameter monitor

EtCO₂ Ready

Compact and lightweight, the BM1Vet is the ideal portable. It features SpO₂, NIBP, and Temperature on a 4.3" TFT LCD, with optional EtCO₂, in a compact package that weighs less than 2.5 lbs. Unit comes EtCO₂ ready (plug & play), so CAPNOSTAT 5[®] mainstream or LoFlo[®] sidestream CO₂ sensor can be added at any time. As with all Bionet veterinary monitors, it comes with a 4 year warranty, the longest in the industry, as well as a direct computer interface!



FEATURES

Superior Advantages

- SpO₂, NIBP, Temperature and EtCO₂
Includes: temperature and transreflectance SpO₂ probes*
- EtCO₂ Ready; can add plug and play mainstream or sidestream EtCO₂ at any time
- 4.3" Color TFT LCD and capable of connecting to an external monitor
- Individual sweep speed setting for each parameter
- Multiple display modes
- Remembers your settings
- Up to 4 hours of battery life
- Quick release IV pole mount
- Touch wheel navigation
- 128 hours of trend data is stored
- 20 cases × 10 sec alarm waveforms are stored
- Includes B-Link software to transfer results to your Windows based computer
- Industry's longest warranty - 4 Years!

*See "Standard Accessories" section on back for all probes included.



SPECIFICATIONS

General >>>

Monitor Performance Specifications	
Display, Resolution	4.3" color TFT LCD, 480 x 272 pixels
Dimension, Weight	190 (W) x 125 (H) x 60 (D) mm, approx. 1.0 kg
Parameters	SpO ₂ , Pulse Rate, Systolic BP, Diastolic BP, Mean BP, EtCO ₂ , FICO ₂ , Respiration Rate, Temperature
Trace	2 waveforms: SpO ₂ , EtCO ₂ Sweep speed: 6.25, 12.5, 25, 50 mm/sec
Indicators	Categorized alarms (3 priority levels) Visual alarm lamp and sound SpO ₂ pulse pitch tone Battery status Power LED
Power	DC input connector: 15 VDC, 2.0 A W-LAN power port: 5 V 1.0 A
Interfaces	LAN digital output for transferring data USB port for software upgrade DIN port for nurse call connection External VGA output
Battery	Rechargeable Li-ion battery 4 hours for continuous operation
Data Storage	Monitoring Mode: 128-hour trends, 20 cases of 10 sec alarm waveform Spot Check Mode: 400 cases
Language	English, French, Spanish, Italian, German, Chinese, Russian, Czech, Polish, Turkish, Romanian, Portuguese, Bulgarian, Korean, Hungarian

Accessory	
Standard Accessories	NIBP extension tube 1ea NIBP vet cuff neonate disposable #1 - #5 1set NIBP vet cuff infant reusable 1ea SpO ₂ extension cable 1ea Transflectance SpO ₂ probe 1ea Temperature probe (rectal) 1ea Reusable multisite SpO ₂ probe 1ea IV pole clamp 1ea B-Link automated record keeping software 1ea DC adapter (18 VDC, 2.5 A) 1ea
Optional Accessory	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)

Performance >>>

SpO ₂ Performance	
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 - 265 mmHg MAP: 27 - 222 mmHg Diastolic: 20 - 200 mmHg
Pulse Rate Range	25 - 300 BPM
Temperature (option)	
Measurement Range	0 to 50 °C (32 to 122 °F)
Accuracy	±1 °C
Compatibility	YSI Series 400 temperature probes
Mainstream CO ₂ (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 CO ₂ (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

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.



Mainstream/Sidestream EtCO₂ module



Main Display Mode / Large Parameter Mode



External Monitor Display



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