Bionet

BM1Vet

EtCO2 Ready

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

Compact and lightweight, the BM1Vet is the ideal portable.
It features SpO_2, NIBP, and Temperature on a 4.3" TFT LCD,
with optional $EtCO_2$, in a compact package that weighs less than 2.5 lbs.
Unit comes $EtCO_2$ ready (plug & play), so CAPNOSTAT 5® mainstream
or LoFlo® sidestream CO_2 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

- SpO_2, NIBP, Temperature and $EtCO_2$
  Includes: temperature and transflectance SpO_2 probes*
- $EtCO_2$ Ready: can add plug and play mainstream or sidestream
  $EtCO_2$ 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 ℃ (32 to 122 ℉)
Accuracy	±1 ℃
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 $EtCO_2$ module

Main Display Mode / Large Parameter Mode

External Monitor Display