

BM5Vet

Veterinary Multi-Parameter Vital Sign Monitor With Optional EtCO₂

The BM5Vet boasts 2 IBP modules, 2 temperature modules and EtCO₂ on top of ECG, Respiration, NIBP and SpO₂. Its 10.4" color TFT screen displays all the vital signs in different colors for easy recognition and enables you to monitor your patient clearly even in the most difficult lighting conditions.

FEATURES

Superior Advantages

- ECG, SpO₂, NIBP, Respiration and Temperature
- 10.4" color TFT 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
- 2 IBP and 2 Temperatures

Enhanced Data Management

- 120 full hours of trend data are stored
- 20 cases * 10 sec alarm waveform are stored
- Includes B-Link software for data collection

High-performance Measurement

- ST level, PVC count real-time display
- 13 kinds of Arrhythmia Analysis
- Very low-perfusion SpO₂ measurement

Transportable

- Li-ion rechargeable battery allows cordless use for up to 2 hours



Main Display Mode



Large Parameter Mode



7Ch ECG Monitoring Mode
(Requires optional 5 lead ECG cable)



Trend Popup Mode

SPECIFICATIONS

General >>>

■ Monitor Performance Specifications

Display, Resolution	10.4" color TFT, 800 x 600 pixels
Dimension, Weight	270(W) x 250(H) x 184.5(D) mm, Approx.4.0kg
Trace	6 waveforms : 2*ECG, SpO ₂ , RR or EtCO ₂ , 2*IBP Sweep speed : 6.25, 12.5, 25, 50 mm/sec
Indicators	Categorized alarms (3 priority levels) Visual alarm lamp handle Heart beat tone, SpO ₂ pulse pitch tone Battery status, External power LED
Interfaces	DC input connector : 12 to 18VDC, 2.5A Defibrillator Sync. Output : - Signal Level : 0 to 5V pulse - Pulse width : 100 °æ 10 ms LAN digital output for transferring data Nurse call system connection : - 0.3A at 125 VAC - 1A at 24 VAC DC output : 5VDC, 1A Max
Battery	Rechargeable Li-ion battery, 2hours for continuous working
Thermal Printer	Speed : 25, 50mm/sec, Paper width : 58mm
Data Storage	120hours trends 20cases of 10sec alarm waveform
Language	English, French, Spanish, Italian, Germany, Chinese, Russian, Czech, Polish, Turkish, Romanian, Portuguese, Bulgarian

■ Standard Accessories

3 lead vet ECG 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
Reusable multisite SpO ₂ probe	1ea
B-Link automated record keeping software	1ea
DC adapter(18VDC, 2.5A)	1set

■ Optional Accessories

5 lead vet ECG cable
Temperature probe (Skin)
Temperature probe (Rectal)
IBP disposable pressure transducer kit
IBP reusable pressure transducer kit
Mainstream CO ₂ Airway Adapter Set
Sidestream CO ₂ Airway Adapter Set

■ Optional Module

Mainstream CO ₂ module
Sidestream CO ₂ module



Main office : Bionet Co., Ltd.

Tel : +82-2-6300-6418 / +82-2-6300-6477(Domestic)
e-mail : sales@ebionet.com / yunms@ebionet.com(Domestic)
http://www.ebionet.com

North America : Bionet America, Inc.

Tel : +1-714-734-1760 / e-mail : sales@bionetus.com
http://www.bionetus.com

Europe : MGB Endoskopische Ger-te GmbH Berlin

Tel : +49-30-6392-7000 / e-mail : info@mgb-berlin.de
http://www.mgb-berlin.de

China : Bionet China

Tel : +86-10-58220564 / e-mail : sales-china@ebionet.com

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 waveforms	3-lead : 1 channel 2 / 3 / 7 channels
Heart Rate Range	Horse, Dog : 30 - 300 bpm Puppy, Cat : 30 - 350 bpm
Heart Rate Accuracy	±1bpm or ±1%, whichever is greater
Sweep speed	6.25, 12.5, 25, 50 mm/sec
Filter	Diagnosis : 0.1 ~ 150 Hz Monitoring : 0.1 ~ 40 Hz Moderate : 0.1 ~ 20 Hz Maximum : 5 ~ 20 Hz
S-T segment detection range	-2.0 to 2.0 mV
Arrhythmia analysis	ASYSTOLE, VTACH, VFIB, BIGEMINY, ACCVENT, COUPLET, IRREGULAR, PAUSE, PVC, RONT, TRIGEMINY, VBRADY, SHORTRUN
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 Breath per minute
Accuracy	±1Breath 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	0 to 254 bpm
Pulse rate accuracy	±2 bpm

■ NIBP

Method	Automatic oscillometric
Operation Mode	Manual / Automatic / Continuous
Measurement range	Pressure range : 20 to 260mmHg
Accuracy	mean error : less than ±5 mmHg standard deviation : less than 8 mmHg

■ Temperature

Measurement range	15 to 45°C (59 to 113°F)
Accuracy	±1°C
Compatibility	YSI Series 400 temperature probes

■ IBP (Option)

Channels	2
Measurement range	-50 to 300mmHg
Accuracy	<100mmHg : ±1mmHg >=100mmHg : ±1% of reading
Pulse rate measurement range	0 to 300bpm
Zero balancing	Range : ±200mmHg Accuracy : ±1mmHg Drift : ±1mmHg over 24hours
Transducer sensitivity	5µV/mmHg
Pulse rate measurement range	0 to 300bpm

■ Mainstream CO₂ (Option)

Measurement range	0 to 150 mmHg, 0 to 19%
Accuracy	0-40mmHg ±2 mmHg, 41-70mmHg ±5% of reading, 71-100mmHg ±8% of reading, 101-150mmHg ±10% of reading
Respiration rate	0 to 150 breath per minute
Respiration accuracy	±1breath per minute

■ Sidestream CO₂ (Option)

Measurement range	0 to 150 mmHg, 0 to 19%
Accuracy	0-40mmHg ±2 mmHg, 41-70mmHg ±5% of reading, 71-100mmHg ±8% of reading, 101-150mmHg ±10% of reading
Respiration rate	2 to 150 breath per minute
Respiration accuracy	±1breath per minute

*Specifications can be changed without prior notification.

*You may have distortion or signal noise when you use nonstandard or other brand's accessories.
We strongly recommend you use only the authorized accessories which we supply.