

# Your Next Veterinary Monitor

# BM3Vet Next

## Multi-parameter portable veterinary vital sign monitor

EtCO<sub>2</sub> Ready

BM3 Vet

Bionet

\*

Versatile, Portable, Lightweight BM3Vet Next 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 7" wide color 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 4 waveforms of information. Alarms and settings are easily adjustable and can be retained after turning off the power.

#### FEATURES

#### Superior Advantages

- ECG, SpO<sub>2</sub>, NIBP, Respiration and Temperature
- EtCO₂ Ready (Can add plug and play Main or Side Stream EtCO₂ at any time)
- 7" High resolution wide screen monitor
- Individual sweep speed setting for each parameter
- Multiple display modes
- Remembers your settings
- Industry's longest warranty 4 Years!

#### **Enhanced Data management**

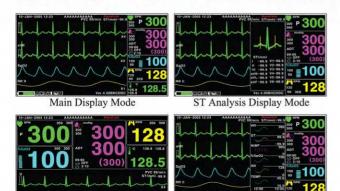
- 120 full hours of trend data are stored
- 20cases x 10 sec alarm waveform are stored
- Includes B-Link software for data collection

#### **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 2 hours



Large Parameter Display Mode

Trend Display Mode

# **SPECIFICATIONS**

## General>>>

Dimension, Weight  238(W) x 250(H) x 163(D) mm, Approx. 3.1k  4 waveforms: 2*ECG, SpO <sub>2</sub> , Respiration  Sweep speed: 6.25, 12.5, 25, 50 mm/sec  Indicators  Categorized alarms (3 priority levels)  Heart beat tone  SpO <sub>2</sub> pulse pitch tone  Battery status  External power LED	Display, Resolution	7" Wide color TI	FT, 800 x 480 pixels
Trace  4 waveforms: 2*ECG, SpO₂, Respiration Sweep speed: 6.25, 12.5, 25, 50 mm/sec Categorized alarms (3 priority levels) Heart beat tone SpO₂ 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 ± 10 ms LAN digital output for transferring data Nurse call system connection OC output: 5VDC, 1A Max  Battery  Rechargeable Li-ion battery 2hours of continuous operation  Thermal Printer Speed: 25, 50mm/sec, Paper width: 58mm 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 ECG extension cable 1ea  NIBP vet cuff neonate disposable #1-#5 NIBP vet cuff infant reusable SpO₂ extension cable(2m) Reusable multisite SpO₂ probe 1ea B-Link automated record keeping software DC adapter(18VDC, 2.5A) ■Optional Accessories 5 lead vet ECG cable Temperature probe (Skin) Temperature probe (Rectal) Mainstream CO₂ Airway Adapter Set ■Optional Module	A DESCRIPTION OF THE PROPERTY		
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Mainstream CO <sub>2</sub> module	■ Optional Module		
	Mainstream CO <sub>2</sub> module	9	

\*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.

## 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 : 1channel : 2traces	
	5-lead : 2channels	
Heart Rate Range	30 - 300 bpm	
Heart Rate Accuracy	±1bpm or ±1%, whichever is greater	
Sweep speed	6.25, 12.5, 25, 50 mm/sec	
Filter	Diagnosis: 0.1 ~ 150Hz	
	Monitoring: 0.1 ~ 40Hz	
	Moderate: 0.1 ~ 20Hz	
	Maximum : 5 ~ 20Hz	
S-T segment detection range	-2.0 to 2.0 mV	
Arrhythmia analysis	ASYSTOLE, VTACH, VFIB	
Pacemaker Detection Mode	Indicator on waveform display	
	(user selectable)	
Protection	Against electrosurgical interference	
-0.080000	and defibrillation	
■Respiration		
Method	Thoracic impedance	
Measurement range	5 - 120 Breath per minute	
Accuracy	±1 Breath per minute	
Apnea alarm	Yes	
■SpO <sub>2</sub>		
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	
■Temperature		
Measurement range	15 to 45°C (59 to 113°F)	
Accuracy	±1°C	
Compatibility	YSI Series 400 temperature probes	
■NIBP		
Method	Automatic oscillometric	
Operation Mode	Manual/Automatic/Continuous	
Measurement range	Pressure range : 20 to 260mmHg	
Accuracy	mean error : less than ±5 mmHg	
3000 TRA	standard deviation : less than 8 mmHg	
■ Mainstream CO <sub>2</sub> (Option)		
Measurement range	0 to 150 mmHg, 0 to 19%	
Accuracy	0-40mmHg °æ 2 mmHg,	
	41-70mmHg °æ 5% of reading,	
	71-100mmHg °æ 8% of reading,	
B	101-150mmHg °æ 10% of reading	
Respiration rate	0 to 150 breath per minute	
Respiration accuracy	°æ 1breath per minute	
Sidestream CO2 (Option)		
Measurement range	0 to 150 mmHg, 0 to 19%	
Accuracy	0-40mmHg °æ 2 mmHg,	
	41-70mmHg °æ 5% of reading, 71-100mmHg °æ 8% of reading,	
	101-150mmHg °æ 10% of reading	
Respiration rate	2 to 150 breath per minute	
Respiration accuracy	°æ1breath per minute	



Main office: Bionet Co.,Ltd. www.ebionet.com Tel: +82-2-6300-6418(Int'l) +82-2-6300-6477(Domestic) yunms@ebionet.com(Domestic) e-mail: sales@ebionet.com(Int'l) North America: Bionet America, Inc. www.bionetus.com Tel: +1-714-734-1760 e-mail: sales@bionetus.com Europe: MGB Endoskopische Ger-te GmbH Berlin www.mgb-berlin.de Tel: +49-30-6392-7000 e-mail: info@mgb-berlin.de China: Bionet China Tel: +86-10-58220564 e-mail: sales-china@ebionet.com