

BM3Vet Next

EtCO₂ Ready

Multi-parameter portable veterinary vital sign monitor

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, SpO₂, 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



Main Display Mode

ST Analysis Display Mode



Large Parameter Display Mode

Trend Display Mode



SPECIFICATIONS

General >>>

■ Monitor Performance Specifications	
Display, Resolution	7" Wide color TFT, 800 x 480 pixels
Dimension, Weight	238(W) x 250(H) x 163(D) mm, Approx. 3.1kg
Trace	4 waveforms : 2*ECG, SpO ₂ , Respiration 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 : 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 - 0.3A at 125VAC - 1A at 24VAC DC output : 5VDC, 1A Max
Battery	Rechargeable Li-ion battery 2hours of continuous operation
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
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
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)	
Mainstream CO ₂ Airway Adapter Set	
Sidestream CO ₂ Airway Adapter Set	
■ Optional Module	
Mainstream CO ₂ module	
Sidestream CO ₂ module	

*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 and defibrillation
■ Respiration	
Method	Thoracic impedance
Measurement range	5 - 120 Breath per minute
Accuracy	±1 Breath per minute
Apnea alarm	Yes
■ SpO ₂	
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 standard deviation : less than 8 mmHg
■ Mainstream CO ₂ (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 CO ₂ (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



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