



Multi-parameter vital signs monitor

BM3 Plus

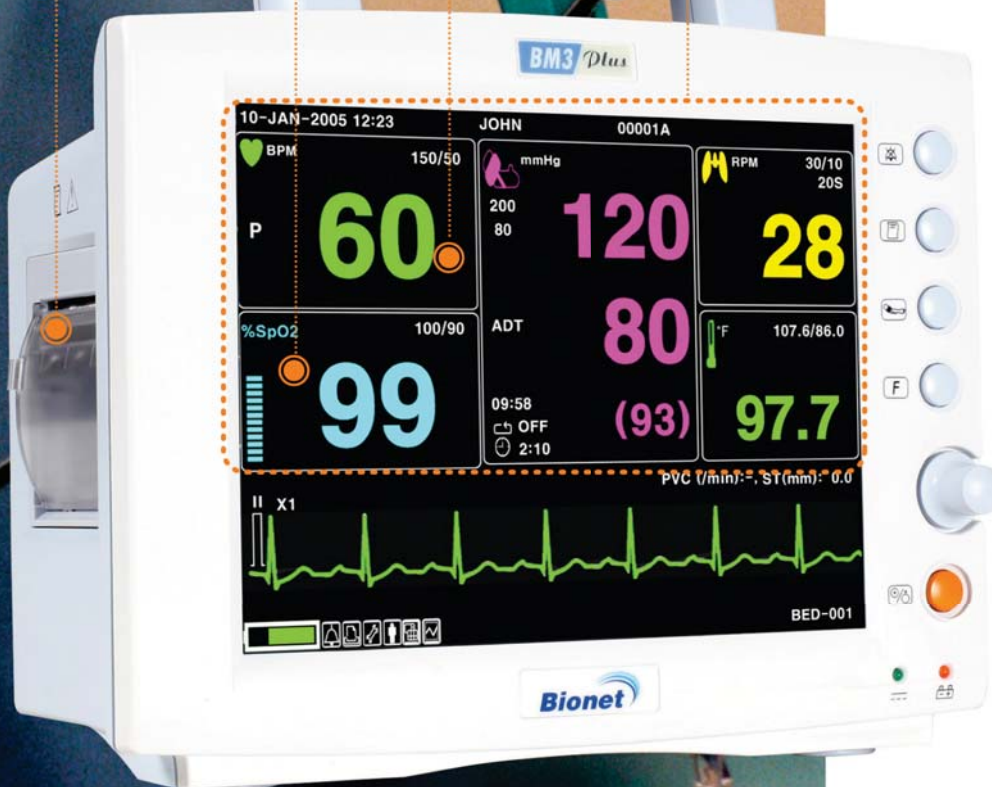
- * ECG, SpO₂, NIBP, Respiration and Temperature
- * Pacemaker detection indicated on the ECG waveform display

- * 58mm built-in chart recorder
- * Graphical and Tabular Trends of printing

- * Visible alarm lamp handle

- * 8.4" color high resolution TFT screen

- * SpO₂ Pitch Tone



- 120 full hours trend and alarm information are stored

- Usable for adult to neonatal patient

- Less than 3kg including battery

- Continuous and Spot - Check mode

- 20*8sec waves are stored

- Two display modes available

SPECIFICATIONS

General >>>

■ Monitor Performance Specifications	
Display	8.4" color TFT (800 × 600)
Dimension	238(W) × 250(H) × 163(D)mm, Approx. 3.1 kg
Indicators	Up to 3 waves (ECG, SpO ₂ , Respiration) Categorized alarms (3 priority levels) Visual alarm lamp Heart rate, SpO ₂ tone Battery status External power LED
Interfaces	DC input connector : 18VDC, 2.5A Defib. Sync. Output - Signal Level : 0 to 5 V pulse - Pulse Width : 100 ± 10 ms LAN digital output
Battery	Battery Type : Li-ion Battery status indicator Operating Time : 2 hours typically (fully charged battery)
Thermal Printer	Speeds : 25, 50 mm/sec Paper Width : 58mm

■ Graphical and Tabular Trends	
Tabular Trends	Memory Storage : 24 hours Data Interval : 1, 5, 15, 30 min., and 1hour Tabular Format : One table for all variables
Graphical Trends	Display Duration : 30, 60, 90 minutes, 3, 6, 12 hours

■ accessory		
Standard accessory	3-lead patient cable	1ea
	Electrodes	10ea
	NIBP Extension tube	1ea
	Adult cuff, 25-35 cm, reusable	1ea
	SpO ₂ sensor extension cable	1ea
	SpO ₂ sensor, reusable	1ea
	DC adapter, 18VDC, 2.5A	1ea
Optional accessory	Temperature probe, Surface / Skin, reusable	
	5-lead patient cable	
	Assorted Cuffs	

■ Language Version	
	English, French, Spanish, Italian, Germany, Chinese

Performance >>>

■ ECG	
Leads	3 leads / 5 leads(optional)
Heart Rate Range	30 to 300 bpm
Heart Rate Accuracy	± 3 bpm
Bandwidth	0.5 Hz to 40 Hz
ECG Size (Sensitivity)	0.5, 1, 2, 4 mV/cm
Pacemaker Detection Mode	Indicator on waveform display, user selectable
Differential Input Impedance	>5 MΩ
CMRR	>90 dB at 50 or 60 Hz
Input Dynamic Range	± 5 mVAC, ± 300 mVDC
Defibrillator Discharge	<4 sec
Lead-Off Detection	Yes

■ SpO ₂	
% Saturation Range	0% to 100%
Pulse Rate Range	0 ~ 254 bpm
SpO ₂ Accuracy	70% to 100% ± 2 digits 0% to 69% unspecified
Pulse Rate Accuracy	± 2 bpm

■ NIBP	
Measurement Modes	Manual : Single measurement Auto : Automatic intervals of 1,2,3,4,5 10,15,20,30 min. and 1,2,4,8 hr.
Cuff Pressure Display	0 to 300 mmHg
B.P. measurement range	Adult - Systolic : 50 to 260 mmHg - Mean : 30 to 220 mmHg - Diastolic : 20 to 200 mmHg Pediatric - Systolic : 50 to 230 mmHg - Mean : 30 to 190 mmHg - Diastolic : 20 to 170 mmHg Neonate - Systolic : 50 to 120 mmHg - Mean : 30 to 100 mmHg - Diastolic : 20 to 90 mmHg
Cuff Inflation Pressure	Adjustable

■ Respirations	
Range	5 to 120 breaths/min
Accuracy	± 3 breaths/min

■ Temperature Unit	
Range	15° C to 45° C (59° F to 113° F)
Accuracy	± 0.1 °C
Compatible with	YSI Series 400 Temperature Probes

*Specifications subject to change without prior notice.



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