



Clear Display and Versatile Patient Monitor

BM3

- * ECG, SpO₂, NIBP, Respiration and Temperature
- * Pacemaker detection indicated on the ECG waveform display
- * ST level, PVC Count Display

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

- * 7" Wide color high resolution TFT screen

- * Battery operation makes the device wireless

- * SpO₂ Pitch Tone

- 120 full hours trend and alarm information are stored

- Usable for adult to neonatal patient

- Direct DC input during vehicle transport

- Less than 3kg including battery

- Internet upgrade for the latest software installation

- Continuous and Spot - Check mode

- Wireless-LAN (option)

- 20*8sec waves are stored

- Support HL7 & MFER



SPECIFICATIONS

General >>>

■ Monitor Performance Specifications

Display	7" Wide color TFT (800 × 480)
Dimension	238(W) × 250(H) × 163(D)mm, Approx. 3.1kg
Indicators	Up to 4 waves (2 * ECG, SpO ₂ , Respiration) Categorized alarms (3 priority levels) Heart rate, SpO ₂ Pitch 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 for transferring data Nurse call system support DC output : 3.3 VDC, 1A Max
Battery	Battery Type : Li-ion Battery status indicator Operating Time : 2 hours typically (fully charged battery)
Thermal Printer (Option)	Speeds : 25, 50 mm/sec Paper Width : 58mm
■ Graphical and Tabular Trends	
Tabular Trends	Memory Storage : 120 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(3m) 1ea Adult cuff, 25-35 cm, reusable 1ea SpO ₂ sensor extension cable(2 m) 1ea SpO ₂ sensor, reusable 1ea DC adapter, 18VDC, 2.5A 1ea
Optional accessory	Temperature probe, Surface / Skin, reusable 5-lead patient cable Neonate Cuff Child Cuff
■ Language Version	
	English, French, Spanish, Italian, Germany, Chinese

Performance >>>

■ ECG

Leads	3 leads / 5 leads(option)
Heart Rate Range	30 to 300 bpm
Heart Rate Accuracy	± 3 bpm
ST Level	Yes
PVC Count Display	Yes
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
Arrhythmia analysis	VTAC / VFIB / ASYSTOLIC
Lead-Off Detection	Yes

■ SpO₂

% Saturation Range	0% to 100%
Pulse Rate Range	0 ~ 254 bpm
SpO₂ Accuracy	70% to 100% ± 2 digits 0% to 69% unspecified
Pulse Rate Accuracy	± 2 bpm
Pitch tone Sound	Yes

■ NIBP

Technique	Oscillometric
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. STAT: Continuous measurement during 5min.
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 Adjustable
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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