

Application



BM1

**Slim & Light
Versatile Monitor**

Mobility

- * Easy mounting IV pole holder & shoulder hanger
- * 4.5 hours battery operation
- * Top & Rear handle for easy grip

User Convenience

- * Touch navigation
- * 4.3" color TFT LCD for clear view
- * Plug & play EtCO2 for High risk person

Strong Network

- * BM Central system up to 32beds
- * Nurse call system is connectable
- * Ext. monitor for need of bigger screen



SPECIFICATIONS

General >>>

■ Monitor Performance Specifications	
Display, Resolution	4.3" color TFT, 480 x 272 pixels
Dimension, Weight	190(W) x 125(H) x 60(D) mm, Approx. 1.0kg
Parameter	SpO ₂ , Pulse Rate, Systolic BP, Diastolic BP, Mean BP, EtCO ₂ , FICO ₂ , Respiration Rate, Temperature
Trace	2 waveforms : SpO ₂ , EtCO ₂ Sweep speed : 6.25, 12.5, 25, 50 mm/sec
Indicators	Categorized alarms (3 priority levels) Visual alarm lamp and sound SpO ₂ pulse pitch tone Battery status Power LED
Power	DC input connector : 12 to 15VDC, 2.0A W-LAN power port :5V 1.0A
Interfaces	LAN digital output for transferring data USB port for easy upgrade DIN Port for Nurse Call connection
Battery	Rechargeable Li-ion battery 4.5hours for continuous working
Data Storage	128hours trends 20cases of 10sec alarm waveform
Language	English, French, Spanish, Italian, Germany, Chinese, Russian, Czech, Polish, Turkish, Romanian, Portuguese, Bulgarian

■ Accessory		
Standard Accessory	NIBP extension tube(3m)	1ea
	Reusable Adult Cuff, 25-35cm	1ea
	SpO ₂ extension cable(2m)	1ea
	Reusable Adult SpO ₂ probe	1ea
	DC adapter(15VDC, 2.0A)	1ea
	Pole mounting hanger	1set
Optional Accessory	Shoulder Strap	1ea
	Temperature probe (Skin)	
	Temperature probe (Rectal)	
	Mainstream CO ₂ Airway Adapter	
	Sidestream CO ₂ Sampling Line	
	Front Basket	
	Rear Basket	

Performance >>>

■ SpO ₂ Performance	
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 Performance	
Method	Oscillometry
Operation Mode	Manual/Automatic/Continuous
Measurement range	Adult Pressure : 20 to 260 mmHg Pediatric Pressure : 20 to 230 mmHg Neonate Pressure : 20 to 120 mmHg
Accuracy	mean error : less than ±5 mmHg standard deviation : less than 8 mmHg

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

■ 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

■ 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

Devices

Functions	Order Number	Description
SpO ₂ , Temp., EtCO ₂		Temp. & EtCO ₂ accessories are optional accessories.
SpO ₂ , Temp., EtCO ₂ , Ext. VGA		
NIBP, SpO ₂ , Temp., EtCO ₂		
NIBP, SpO ₂ , Temp., EtCO ₂ , Ext. VGA		

Accessories

Functions	Order Number	Description
Temperature Probe		Skin / Rectal Type Temperature
EtCO ₂ Mainstream Module		Mainstream Measurement Module
EtCO ₂ Sidestream Module		Sidestream Measurement Module
EtCO ₂ Airway Adaptor		Single / Reusable for Mainstream
EtCO ₂ Sampling Line		Nasal / Oral-Nasal / Airway Adaptor for Sidestream



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