BM1 spot

Tribrid monitor Monitor
Vital-sign monitor

Enhanced Vital-sign monitor

- ▶ SpO$_2$, NIBP, Temperature, EtCO$_2$
- ▶ 7" color TFT LCD for a clear view with Touch Screen
- ▶ 5,000 case patient data are stored
- ▶ Quick demographic Input with ADT server
- ▶ EWS (Early Warning Score for Clinical decision making and Patient Triage
- ▶ Easy editable EWS (customize scoring)
- ▶ SpO2 measurement with very low perfusion detection and pulse beep
- ▶ USB memory storage
- ▶ USB Barcode
- ▶ Non-contact infrared thermometer (Option)
- ▶ High-performance Suntech NIBP (Option)
- ▶ External HDMI output for large screen (Option)
- ▶ EMR-direct HL7 with Editable menu
- ▶ Li-ion Battery with longer time life (4 hours for continuous operation)

Tribrid versatile operation mode

BM1 spot support three operation mode

Continuous	SPOT(with EWS)	SPOT

Compact Size

World's lightest compact vital-sign monitor. Easy operation with touch screen

SPECIFICATIONS

General

Display, Resolution	7 " color TFT with T S, 800X480 pixels
Dimension, Weight	190(W) x 125(H) x 60(D) mm, Approx. 1.0kg
Trace	2 waveforms : SpO₂, EtCO₂
	Sweep speed : 6.25, 12.5, 25, 50 mm/sec
Indicators	Categorized alarms (3 priority levels)
	Visual alarm
	SpO₂ pulse beep
	Percent(%) SpO₂ pitch tone
	Battery status, External Power LED
Interfaces	Power supply : AC 100-240V(50/60Hz)
	DC input connector : 15VDC, 2.0A
	LAN digital output for transferring data
	Nurse Call System connection :
	- 0.3A at 125 VAC - 1A at 24 VDC
	External HDMI for Large Screen
	USB Barcode Scanner
	USB Memory stick (Save spot data)
Battery	Rechargeable Li-ion battery
	4hours for continuous operation
Data Storage	Monitoring mode External
	- 128 hours trends
	- 20 cases of 10sec alarm waveform
	Spot check mode
	- 5,000 cases
Language	English, French, Spanish, Italian, German, Chinese, Russian, Czech, Polish, Turkish, Romanian, Portuguese Bulgarian, Hungarian, Korean

Accessories

Standard	NIBP extension hose(3m)	1ea
	Reusable adult cuff (23-33/27.5-36.5 cm)	1ea
	SpO₂ extension cable(2m)	1ea
	Reusable adult SpO₂ probe	1ea
	DC adapter(15VDC, 2.0A) with power cord	1ea
	Pole mount bracket	1set
Optional	Sidestream EtCO₂ module (Respironics)	
	Mainstream EtCO₂ module (Respironics)	
	Sidestream EtCO₂ airway adapter kit	
	Mainstream EtCO₂ airway adapter kit	
	NIBP cuff(Reusable/Disposable)	
	Barcode scanner (USB type)	
	Thermometer IR probe	

Performance

SpO₂

Saturation range	0 to 100%
Saturation accuracy	70 to 100% ±2 digits, 0 to 69% unspecified
Pulse rate range	30 to 254 bpm
Pulse rate accuracy	± 2 bpm

NIBP (Bionet or Suntech)

Method	Oscillometry
Operation Mode	Manual/Automatic/Continuous
Pressure range	0 to 300mmHg (Accuracy ±3mmHg)
Safety pressure	Adult : 300 mmHg
	Neonate : 150 mmHg
Measurement Range	Adult Pressure : 20 to 260 mmHg
	Pulse Rate : 30 to 220 BPM
	Pediatric Pressure : 20 to 160 mmHg
	Pulse Rate : 30 to 220 BPM
	Neonate Pressure : 20 to 130 mmHg
	Pulse Rate : 30 to 220 BPM
Accuracy	Meets accuracy requirements of ANSI/AAMI SP10 : 1992 AND 2002

IR Temperature

Measuring range	Body temperature : 34℃ to 42.5℃ (93.2°F t0 108.5°F)
	Accuracy : ±0.2℃ (36℃ to 39℃)
	Other Accuracy : ±0.3℃
	Object temperature : 15℃ to 60℃ (59°F t0 140°F)
	Accuracy : ±2℃
Measuring time	Less than 2seconds, Continuous measurement
Resolution	0.1℃
Mode selection	Body temperature, Object temperature

Sidestream EtCO₂ Respironics (Option)

Measurement range	0 to 150 mmHg, 0 to 19%
Accuracy	0 to 40mmHg ±2 mmHg,
	41 to 70mmHg ±5% of reading,
	71 to 100mmHg ±8% of reading,
	101 to 150mmHg ±10% of reading
Respiration rate	2 to 150 breath per minute
Respiration accuracy	±1 breath per minute

Mainstream EtCO₂ - Respironics (Option)

Measurement range	0 to 150 mmHg, 0 to 19%
Accuracy	0 to 40mmHg ±2 mmHg,
	41 to 70mmHg ±5% of reading,
	71 to 100mmHg ±8% of reading,
	101 to 150mmHg ±10% of reading
Respiration rate	0 to 150 breath per minute
Respiration accuracy	±1 breath per minute

* 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.

Order Specification

Ordering Name		Function description
BM1	Spot	SpO₂, Bionet NIBP, IR Temperature
BM1	Recovery	SpO₂, Suntech NIBP, IR Temperature, EtCO₂

Optional Module

Mainstream EtCO₂ module(Respironics)
Sidestream EtCO₂ module(Respironics)

5 EWS (Ealy Waring Score) with Editable function

MEWS, MEWS, TEWS, PEWS, MEOWS