



Multi-Parameter Patient Monitor



M8500

Size & weight

Size: 258mm×210mm×180mm (10.1"×8.3"×7.1")
 Weight: 3.5kg (7.7 LBS)

Display

8" Color TFT-LCD
 Resolution: 800×600 pixels

Power supply

Power Voltage: AC 100-240v 50/60HZ
 Power Input: ≤70 VA
 Safety class: Category I

Battery

Type: Rechargeable Lithium Battery
 Charge time: ≤6 hours
 Operating time under the normal use and full charge:
 ≥300 minutes

Recorder

Method: Thermal dot array
 Paper width: 50 mm (1.97 inch)
 Paper Speed: 12.5 mm/s, 25 mm/s, 50 mm/s
 Traces: Maximum 3 tracks

Alarm

Level: Low, medium and high
 Indication: Auditory and visual
 Setup: Default and custom
 Silence: All alarms can be silenced
 Volume: 45~85 dB measured at 1 meter

ECG

Lead Mode: 5-leads ECG input
 3-leads ECG input
 Lead selection: aVR, aVL, aVF, V-I, II, III,
 I, II, III,
 Gain: AUTO, 0.25x, 0.5x, 1.0x, 2.0x, 4.0x
 Insulation Breakdown Voltage: 4000VAC 50/60HZ
 Sweep speed: 12.5mm/s, 25mm/s, 50mm/s
 HR Range: 10~350bpm
 HR Accuracy: ±1% or ±1bpm, whichever is greater

RESP

Method: Impedance variation between RA-LL (R-F)
 Measuring impedance range: 0.2~3Ω
 Measurement Range: 0~150 rpm
 Accuracy: ±2 rpm
 Gain: x1, x2, x4
 Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s

TEMP

Measurement Range: 0.0~50.0°C (32°F- 122°F)
 Accuracy: ±0.1°C ±1°F
 Unit: Celsius (°C), Fahrenheit (°F)
 Compatible with YSI-400

Standard Configuration

ECG,HR,RESP,NIBP, BLT-SpO2,PR, TEMP,Lithium Battery.

Option

2-TEMP, Recorder, Nellcor-SpO2, Masimo SpO2, EtCO2, SunTech NIBP



BLT-SpO2

Measurement Range: 0~100%
 Accuracy: At 70~100%, ±2%
 At 0~69%, unspecified
 PR Range: 25~250 bpm
 PR Accuracy: ±1% or ±1 bpm,
 whichever is greater

Masimo-SpO2 (option)

Measurement Range: 0~100%
 Accuracy: At 70~100%, ±3%
 At 0~69%, unspecified
 PR Range: 25~240 bpm
 PR Accuracy: ±3bpm (non-motion conditions)
 ±5bpm (motion conditions)

Nellcor-SpO2 (option)

Measurement Range: 0~100%
 Accuracy: At 70~100%, ±2 digits (Adult)
 At 70~100%, ±3 digits (Neonate)
 At 70~100%, ±2 digits (Low Perfusion)
 At 0~69%, unspecified
 PR Range: 20~250 bpm
 PR Accuracy: ±3 digits

NIBP

Way of measurement: Automatic oscillometry
 Range of measurement: Adult 10~270 mmHg
 Child 10~235 mmHg
 Accuracy: Static±2% or ±3 mmHg,
 whichever is greater
 Clinical: ±5 mmHg average error
 8 mmHg standard deviation
 Unit: mmHg, kPa
 Pulse rate range: 40 ~ 240 bpm

SunTech NIBP (option)

Way of measurement: Automatic oscillometry
 Range of measurement: Adult 20~260 mmHg
 Child 20~160 mmHg
 Neonate 20~130 mmHg
 Pressure Accuracy: Static ±3 mmHg
 Clinical ±5 mmHg average error
 8 mmHg standard deviation
 Unit: mmHg, kPa
 Heart rate range: 30 ~ 220 bpm

ETCO2(option, Microstream)

Range: 0 ~ 19.7%(0 ~ 150 mmHg)
 Unit: %, mmHg, kPa
 Respiration Rate Range: 2~150 rpm

EtCO2 (Mainstream, option)

Range: 0 ~ 19.7%(0 ~ 150 mmHg)
 unit: %, mmHg, kPa
 Respiration Rate Range: 0~150 rpm



*Specifications subject to change without prior notice.