



## M3 Vital Signs Monitor

The M3 Vital Signs Monitor has been proved a durable and efficient solution for outpatients, ambulance and normal wards. With its portable design, it brings effective vital signs monitoring to most ambulatory and regular healthcares.

**Measured Parameters:** NIBP + SpO<sub>2</sub> + Infrared Ear Thermometer

**30,000**  
NIBP Measurements  
Review

**72h**  
Trends Review

**800**  
Alarms Review



Bedrail Clamp



Portable Design



**ADULT**  
5 to 35 cm arm circumference  
Bladder size: 13.1 x 23.5cm



MFM-CMS Web Viewer



Outpatient



Ambulance



Ward

# M3

## Vital Signs Monitor

### Mounting Solutions



Wall Mount



Rolling Stand

- 5.6" high resolution color TFT display
- Lightweight & portable design
- User-friendly interface
- Flexible configurations to meet different clinical needs
- Real-time measurements display
- Trend table display
- Built-in rechargeable Lithium-ion battery for 8 hours continuous working
- USB flash disk support
- Barcode scanner support
- Bi-directional with MFM-CMS central monitoring system
- Compatible with PatientCare Viewer PC data management software
- Wired LAN / Wifi support
- Nurse call
- Suitable for adult, pediatric and neonatal patients

## Specification

Configuration	SpO <sub>2</sub>	NIBP	Infrared Ear Thermometer
M3(SpO <sub>2</sub> only)	✓	—	—
M3(SpO <sub>2</sub> +NIBP)	✓	✓	—
M3(SpO <sub>2</sub> +NIBP+ Infrared Ear Thermometer)	✓	✓	✓

### Physical Specifications

Size: 200.8mm (L) x 241mm (H) x 189 mm (D)  
 Weight: 3 kg  
 Display: 5.6" color TFT resolution: 640X480

### Power Supply

AC Power: 100-240 VAC, 50/60HZ  
 Battery  
 Type: Lithium-ion  
 Voltage: 14.8 V DC  
 Capacitance: 2,200mAh/ 4,400 mAh  
 Working Period: 240 min/ 480 min  
 Rechargeable Period: 150 min/ 300 min

### Thermal Recorder (Optional)

Paper Width: 48 mm  
 Paper Speed: 25 mm/s

### SpO<sub>2</sub>

Measurement & Alarm Range: 0~100% (EDAN SPO<sub>2</sub>)  
 Resolution: 1%;  
 Accuracy: ±2% (70~100%, Adult/Pediatric)  
 ±3% (70~100%, Neonate)  
 PR Measurement and Alarm Range:  
 25~300bpm  
 Resolution: 1bpm  
 Accuracy: 3bpm  
 Refresh rate: 1s

### NIBP

Method: Automatic Oscillometric  
 Operation Modes: Manual/Automatic/Continuous  
 Auto Measurement Time Interval:  
 1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 240, 480 Minutes  
 Measurement Unit: mmHg/kPa  
 Measurement Types: Systolic, Diastolic, Mean  
 Pressure Range:  
 Adults:  
 Systolic: 40~270 mmHg  
 Diastolic: 10~215 mmHg  
 Mean: 20~235 mmHg  
 Pediatrics:  
 Systolic: 40~200 mmHg  
 Diastolic: 10~150 mmHg  
 Mean: 20~165 mmHg  
 Neonates:  
 Systolic: 40~135 mmHg  
 Diastolic: 10~100 mmHg  
 Mean: 20~110 mmHg  
 Resolution: 1mmHg  
 Accuracy:  
 Max Mean Error: ±5 mmHg  
 Max Standard Deviation: ±8 mmHg  
 PR from NIBP Measurement Range: 40~240bpm  
 Resolution: 1bpm  
 Accuracy: 3bpm or 3% (whichever is greater)  
 SP10:2002

### Nellcor OxiMax™ SpO<sub>2</sub> (Optional)

Measurement & Alarm Range: 0 - 100%  
 Resolution: 1%  
 Accuracy: ±2-3% (70-100%, Adult/Pediatric)  
 ±3-5% (70-100%, Neonate)  
 PR Measurement and Alarm Range: 20 - 300 bpm  
 Resolution: 1 bpm  
 Accuracy: 3bpm (depends on probe)  
 Refresh Rate: 1s

### Infrared Ear Thermometer

Displayed range: 34~42.2°C (93.2~108°F)  
 Operating ambient temperature range:  
 10~40°C (50~104°F)  
 Accuracy for displayed temperature range:  
 ±0.2°C (0.4°F) during 35.5~42°C  
 (95.9~107.6°F), ±0.3°C (0.5°F)  
 for other range  
 Measurement time: about 1 second

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