

EDANUSA

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M3A Vital Signs Monitor

EDAN M3A Vital Signs Monitor provides essential measurement of patient's SpO₂, NIBP and Temperature. It offers an effective solution and brings high performance vital signs healthcare at your finger tips.

Measured Parameters: NIBP + SpO₂ + Infrared Ear Thermometer

12,000
NIBP Measurement
Review

100 h
Trend Review



Bed Rail Clamp



Patient-type
Fast Switch



Portable Design



Care for Health

M3A

Vital Signs Monitor

Mounting Solutions



Wall Mount



Rolling Stand

- 3.5" high resolution color TFT-LCD screen & LED 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 of continuous work
- Compatible with PatientCare Viewer PC data management software
- Nurse call
- Suitable for adult, pediatric and neonatal patients

Specification

Configuration	SpO ₂	NIBP	Infrared Ear Thermometer
M3A(SpO ₂ only)	✓	—	—
M3(NIBP only)	—	✓	—
M3A(SpO ₂ +NIBP)	✓	✓	—
M3A(SpO ₂ +NIBP +Infrared Ear Thermometer)	✓	✓	✓

Physical Specifications

Size: 200.8 mm (L) x 241 mm (H) x 189 mm (D)
 Weight: 3 kg
 Display: 3.5" color TFT-LCD resolution: 640X480

Power Supply

AC Power: 100-240 V AC, 50/60 Hz
 Battery Type: Lithium-ion
 Voltage: 14.8 V DC
 Capacitance: 2200 mAh/4400 mAh
 Maximum Working Period: 17 hours (4400 mAh)

Thermal Recorder (Optional)

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

SpO₂

Measurement & Alarm Range: 0-100% (EDAN SpO₂)
 Resolution: 1%;
 Accuracy: ±2% (70-100%, Adult/Pediatric)
 ±3% (70-100%, Neonate)
 PR Measurement and Alarm Range: 25-300 bpm
 Resolution: 1 bpm
 Accuracy: 3 bpm
 Refresh Rate: 1 s

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: 1 mmHg
 Accuracy:
 Max Mean Error: ±5 mmHg
 Max Standard Deviation: 8 mmHg
 PR from NIBP Measurement Range: 40-240 bpm
 Resolution: 1 bpm
 Accuracy: 3 bpm or 3% (whichever is greater)
 SP10:2002

Nellcor OxiMax™ SpO₂ (Optional)

Measurement & Alarm Range: 0-100%
 Resolution: 1%
 Accuracy: ±2-3% (70-100%, Adult/Pediatric)
 ±3-3.5% (70-100%, Neonate)
 PR Measurement and Alarm Range: 20-300 bpm
 Resolution: 1 bpm
 Accuracy: 3 bpm (depends on probe)
 Refresh Rate: 1 s

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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