

EDAN



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 + Quick Temp/Infrared Ear Thermometer

12,000
NIBP Measurement
Review

100 h
Trend Review

Bed Rail Clamp

Patient-type Fast Switch

Infrared Ear Thermometer

Portable Design

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

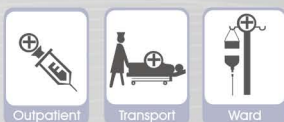
EDAN M3A

SYS 118 MAP 88
DIA 73
PR 60 TEMP 36.2
SpO₂ 99

ID:2 **SYS TOO HIGH X 1168

SYS	DIA	MAP	PR	Time
122	01	99	63	2009/04/08 23:31:45
101	60	90	70	2009/10/05 10:03:44
132	01	99	63	2009/04/08 23:31:45
101	60	90	70	2009/10/05 10:03:44

Searching Pulse... 2009-04-08 23:31:04



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 17 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	Quick Temp	Infrared Ear Thermometer
M3A(SpO ₂ only)	✓	—	—	—
M3A(NIBP only)	—	✓	—	—
M3A(SpO ₂ +NIBP)	✓	✓	—	—
M3A(NIBP+Quick Temp)	—	✓	✓	—
M3A(NIBP+Infrared Ear Thermometer)	—	✓	—	✓
M3A(SpO ₂ +NIBP+Quick Temp)	✓	✓	✓	—
M3A(SpO ₂ +NIBP+Infrared Ear Thermometer)	✓	✓	—	✓

Physical Specifications

Size: 200.8 mm (L) x 241 mm (H) x 189 mm (D)
 Weight: 2.4 (without battery)
 Display: 3.5" color TFT-LCD resolution: 320X240

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
 Working Period: 8.5 hours/17 hours
 Rechargeable Period: 180 min/360 min

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: ±2 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 3.5% (whichever is greater)
 SP10:2002

Quick Temperature

Measuring Range: 25 °C ~ 45 °C
 Probe Type: Oral/Axillary/Rectal
 Resolution: 0.1 °C
 Accuracy (Monitor): ±0.1 °C
 Typical Measurement Time: <15 s
 Update Time: 1 s ~ 2 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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