

EDANUSA

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M3B Capnograph Monitor

With SpO₂ (Nellcor optional) and Respiration CO₂ monitoring technologies, the M3B ensures effective capnography monitoring for intubated and non-intubated patients for continuous long-term monitoring. It is tailored for mechanically ventilated and non-intubated patients.

Measured Parameters: SpO₂ + EtCO₂

72h
Trends Review

800
Alarms Review



Bedrail Clamp



Respiration EtCO₂



Portable Design



MFM-CMS Web Viewer



Care for Health

M3B

Capnograph Monitor

Mounting Solutions



- 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

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

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: 25~300bpm
 Resolution: 1bpm
 Accuracy: 3bpm
 Refresh rate: 1s

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: 3bpm (depends on probe)
 Refresh Rate: 1s

Respironics Mainstream CO₂

CO₂ Measurement Range
 0 to 150 mm Hg,
 0 to 19.7%, 0 to 20 kPa (at 760 mm Hg)
 Rise Time
 Less than 60 ms - Adult / infant
 Reusable or Single Patient
 Use Airway Adapter
 CO₂ Resolution 0.1 mm Hg 0 to 69 mm Hg
 0.25 mm Hg 70 to 150 mm Hg
 CO₂ Accuracy 0 -40 mm Hg ±2 mm Hg
 41 -70 mm Hg ±5% of reading
 71 -100 mm Hg ±8% of reading
 101-150 mm Hg ±10% of reading
 Above 80bpm ±12% of reading

Respironics Sidestream CO₂

Sample Rate 50 mL/min
 CO₂ Measurement Range
 Sidestream
 Sample Rate 50 mL/min
 CO₂ Measurement Range
 0 to 150 mm Hg, 0 to 19.7%,
 0 to 20 kPa
 (at 760 mm Hg). Barometric
 Pressure supplied by Host
 CO₂ Resolution 0.1 mm Hg 0 to 69 mm Hg
 0.25 mm Hg 70 to 150 mm Hg
 CO₂ Accuracy 0 -40 mm Hg ±2 mm Hg
 41-70 mm Hg ±5% of reading
 71 -100 mm Hg ±8% of reading
 101 -150 mm Hg ±10% of reading
 Above 80 bpm ±12% of reading
 Respiratory Rate Range
 2 to 150bpm
 Respiratory Rate Accuracy ±1 breath

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ENG-PM-M3B-V1.0-20120406