

EDAN

M3B Vital Signs Monitor

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

Measured Parameters: SpO₂ + CO₂

72 h
Trend Review

800
Alarm Review



Bed Rail Clamp



Respironics CO₂



Portable Design



MFM-CMS Web Viewer



Care for Health

M3B

Vital Signs Monitor

Mounting Solutions



Wall Mount



Rolling Stand

- 5.6" high resolution color TFT-LCD screen
- 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
- 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/Wi-Fi support
- Nurse call
- Suitable for adult, pediatric and neonatal patients

Specification

Configuration	SpO ₂	Respironics CO ₂ (Sidestream/Mainstream)
M3B(SpO ₂ + CO ₂)	✓	✓
M3B(CO ₂ only)	—	✓

Physical Specifications

Size: 200.8 mm (L) x 241 mm (H) x 189 mm (D)
 Weight: 3 kg
 Display: 5.6" 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
 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: 30-300 bpm
 Resolution: 1 bpm
 Accuracy: ±2 bpm
 Refresh Rate: 1 s

Nellcor OxiMax™ SpO₂ (Optional)

Measurement & Alarm Range:
 1-100%
 Resolution: 1%
 PR Measurement and Alarm Range:
 20-300 bpm
 Resolution: 1 bpm
 Refresh Rate: 1 s

Respironics Mainstream CO₂

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

Respironics Sidestream CO₂

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