

M3B

Capnograph Monitor

With SpO₂ (Nellcor optional) and Respironics CO₂ monitoring technologies, the M3B ensures effective capnography monitoring for intubated and non-intubated patients for continues 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



Respironics EtCO₂



Portable Design



MFM-CMS Web Viewer



M3B

Capnograph 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 Patient Care 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 189mm (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 SPO ₂)
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:	1s

Respironics Mainstream CO₂

CO ₂ 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 Parent Use Airway Adapter
CO ₂ Resolution:	0.1 mm Hg 0 to 69 mm Hg 0.25 mm Hg 70 to 150 mm Hg
CO ₂ 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	50mL/min
CO ₂ Measurement Range	Sidestream
Sample Rate	50 mL/min
CO ₂ Measurement Range	0 to 150 mm Hg, 0 to 19.7%, 0 to 20 kPa (at 760 mm Hg) Barometric Pressure supplied by Host
CO ₂ Resolution	0.1 mm Hg 0 to 69 mm Hg 0.25 mm Hg 70 to 150 mm Hg
CO ₂ Accuracy	0-40 mm Hg ±12 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 150 bpm
Respiratory Rate Accuracy	±1 breath

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