

# EDAN



## M3B Capnograph Monitor

With SpO<sub>2</sub> (Nellcor optional) and Respiration CO<sub>2</sub> 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: SpO<sub>2</sub> + EtCO<sub>2</sub>

**72h**  
Trends Review

**800**  
Alarms Review



Bedrail Clamp



Respiration EtCO<sub>2</sub>



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

### SpO<sub>2</sub>

Measurement & Alarm Range: 0~100% (EDAN SPO<sub>2</sub>)  
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™ SpO<sub>2</sub> (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 CO<sub>2</sub>

CO<sub>2</sub> 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  
CO<sub>2</sub> Resolution: 0.1 mm Hg 0 to 69 mm Hg  
0.25 mm Hg 70 to 150 mm Hg  
CO<sub>2</sub> 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 CO<sub>2</sub>

Sample Rate: 50 mL/min  
CO<sub>2</sub> Measurement Range: Sidestream  
Sample Rate: 50 mL/min  
CO<sub>2</sub> 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<sub>2</sub> Resolution: 0.1 mm Hg 0 to 69 mm Hg  
0.25 mm Hg 70 to 150 mm Hg  
CO<sub>2</sub> 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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