

## Biolight M8500 Color Patient Monitor - New



Stock Photo – Options May Vary

The Biolight M8500 Patient Monitor features a 8” color LCD display with user friendly menus and a navigator knob for easy configurations.

The M8500 is a perfect solution for recovery, PACU, procedure rooms and anywhere a compact multi-parameter monitor is needed.

Standard configuration includes: ECG (3 or 5 lead), SpO2, NIBP, Resp, PR, 2-Temp (skin or esophageal), Co2 Ready, Printer, and VGA Output.

The Biolight M8500 includes: ECG cable and leadwires (3 lead), NIBP cuff, NIBP hose, SpO2 finger sensor, lithium battery, recorder paper, and user manual.

Optional rolling stands and wall mounts are also available.

Manufacturer Warranty: 2 Years, 90 Days for Accessories

### Technical Specifications:

- Display: 8” Color LCD
- Dimension: 10.15” (W) x 8.25” (H) x 7” (D)
- Weight: ≤ 7.7 lbs. (with battery)
- Power Supply: 120~240V; AC: 50~ 60 Hz
- Alarm Indication: Visual and Audible Alarms

### Trend

- Store & Review: 120 Hours, Trend Data and Trend Maps
- Parameter Options: SpO2, NIBP, PR, Resp, Co2, Temp 1-2, IBP 1-2, ST
- Storage Cycle Intervals: 1- 5min, 10min, 15min, 20min, 25min, 30min

### Parameter Specifications:

#### ECG

- Leads: I, II, III, aVR, aVL, aVF
- Mode: 3-leads, 5-leads
- Gain: 2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, 40mm/mV, auto
- Scanning Speed: 12.5mm/s, 25mm/s, 50mm/s
- Heart Rate Range:
  - Adult: 10~300bpm
  - Child & Neonate: 10~350bpm
- Accuracy: ±1bpm or ±1% whichever is greater

#### ST

- Measurement Range: -2.0mV – 2.0mV
- Resolution: 0.01mV

#### NIBP

- Operation Modes: Automatic Oscillometry
- Range: Adult: 10 ~270mmHg  
Child: 10 ~235mmHg  
Neonate: 10 ~135mmHg
- Measurement: Systolic Pressure/Diastolic Pressure/Mean Pressure
- Unit: mmHg/Kpa selectable
- Pulse rate range: 40 ~240bpm

#### RESP

- Method: Impedance variation between RA-LL (R-F)
- Measuring Range: 0~150rpm
- Accuracy: ±2rpm
- Gain: x1, x2, x4
- Sweep speed 6.25mm/s, 12.5mm/s, 25mm/s

#### Biolight SpO2 (Pulse Oximetry)

- Range: 0 ~100%
- Accuracy: ±2% (70% ~100%); Unspecified (0 ~69%)
- Range & Accuracy of Pulse Rate: 25 ~250bpm ±1bpm or ±1% whichever is greater

#### TEMP

- Channel: 2 channels
- Range: 32~122°F, 0~50°C
- Unit: Celsius, Fahrenheit

#### Standard Configuration:

- ECG, RESP, NIBP, SpO2, PR, Temp, VGA Output, Co2 Ready, Rechargeable Lithium Battery, Printer

#### EtCo2 (option, Sidestream)

- Range 0 ~19.7% (0 ~150mmHg)
- Unit: %, mmHg, kPa
- Respiration Rate Range 2 ~150bpm

*\*\*Brochure and images are a general overview of the product. Actual product options may vary.*