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Biolight M8500 Color Patient Monitor - New



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

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