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Biolight Q5 Modular Patient Monitor - New



The Biolight Q5 Patient Monitor features a 10.4" color touch screen LCD display with user friendly menus and a navigator knob for easy configurations.

Standard configurations include ECG (3 or 5 lead), NIBP, IBP, Resp, SpO2, PR, 2-Temp, Printer, and VGA Output.

This multi-parameter monitor has ST arrhythmia analysis, anti high-frequency interference, anti-defibrillation, isolated float and networking capacity.

The Biolight Q5 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

Anesthetic Gas

- Measure Method: Infrared spectrum
- Mode: Sidestream
- Fi and Et values: CO₂, N₂O, O₂, AG
- Unit: %
- Warm-up time: <10s

Technical Specifications:

- Display: 12.1" Touch Screen LCD
- Dimension: 12.5" (W) x 10.4" (H) x 6" (D)
- Weight: ≤ 9.9 lbs. (with battery)
- Standard Module Slot: 2
- 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 option: 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, V-
- Mode: 3-leads, 5-leads
- Gains: 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
- Pulse rate range: 40 ~240bpm

RESP

- Method: Thoracic Impedance
- Measuring Range: 0~150rpm
- Accuracy: ±2rpm
- Gain: x0.25, 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 ~254bpm ±1bpm or ±1% whichever is greater

TEMP

- Channel: 6 channel
- Range: 32~122°F, 0~50°C
- Unit: Celsius, Fahrenheit

Standard Configuration:

- ECG, RESP, NIBP, SpO2, PR, 2-Temp, VGA Output, IBP, Rechargeable Lithium Battery, Printer

IBP

- Channel: 6 channel
- Measurement Range: -50 ~+300 mmHg
- Accuracy: ±2mmHg or 2%, whichever is greater

EtCo2 (option, Sidestream)

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

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