SOMA
TECH INTL

The **Biolight BLT V6** is a Patient Monitor and Vital Signs monitor. The Boilight BLT offers pulse rate, non-invasive blood pressure (NIBP), SpO2, Co2, and temperature monitoring. The monitoring system can store up to a thousand individual pieces of recorded data. The BLT V6 patient monitor is only 5.5 pounds and runs on a rechargeable lithium-ion battery - making it easy to bring to the patient that needs to be monitored. The battery allows for 8 hours of continuous use. The 7-inch color LCD display comes in anti-glare and offers 234 x 480 resolution for easy reading of the data. The BIolight BLT V6 patient monitor is suitable for a variety of different areas including; ambulance, Hospital, intra-hospital transport, and emergency.

Features

- 7" color display.
- Recorder.
- NIBP, SpO2, PR, CO2, and Temp.
- Instant infrared ear thermometer.
- Rechargeable lithium-ion battery.

Revised 9/21/2021

Specifications

Dimensions

Height: 5" *(13 cm)*

Width: 6.3" *(16 cm)*

Depth: 10.2" *(26 cm)*

Weight: 5.5 lbs. *(2.5 kg)*

Display

Type: Color TFT LCD

Size *(Diagonal):* 7" *(17.8 cm)*

Resolution: 234×480 pixels

Recorder

Type: Thermal dot array

Paper Width: 50 mm

Recording Width: 40 mm

Recording Speed: 25 mm/s

Recording Waveform: Double tracks

Battery

Type: Rechargeable lithium-ion battery

Size: 10 cm × 7.8 cm × 2 cm

Weight: <360 g

Rated Voltage: 11.1 VDC

Capability: 4000 mAh

Operating time: 8 hours *(Using a new and fully charged battery at 25°C ambient temperature, connecting SpO2 sensor and NIBP work on AUTO mode for 15 minutes interval.)*

Charge Time: 6h to 100% *(Standby)*

Connections

Center Computer Connector: RJ-45, 10M/100M, TCP/IP

Serial Port: RS232 serial port

Nurse Call: Nurse call connector

Equipotential Grounding Point: 1

USB Connector: Barcode scanner or other USB devices supported by monitor

SD Card Connector: Reserved connector

Wireless Network: Reserved connector

Temp Module Connector: Temp probe connector

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Specifications

Data Storage

Patient Quantity: 1000

Recording Number: 16000

Single Patient Clinic Record Number: (1-16000)

Patient Quantity: 1

Trend Data
  3 kinds resolution: 1Min, 5Min, 10Min.
  1 Min, can store 96 hours
  5 Min: Can store 480 hours
  10 Min: Can store 960 hours

Alarm events: 1000

NIBP Measurement Record: 5000

SpO2

Type: Digital, Nellcor, Masimo

Range: 0 to 100%

Digital PR Range: 25 ~ 255 bpm

Nellcor PR Range: 20 ~ 300 bpm

Massimo PR Range: 25 ~ 240 bpm

NIBP

Type: Automatic oscillometry

Cuff Pressure Range: 0 ~ 300 mmHg

PR Range: 40 ~ 240 bpm

PR Resolution: 1 bpm

Measurement Time: 20 ~ 45 seconds

CO2

Type: Infrared microstream

Range: 0 ~ 19.7% *(0 ~ 150 mmHg)*

Resolution: 0.1% or 1 mmHg

TEMP

Ambient Temperature: 10°C ~ 40°C

Measurement Range: 34.0°C~43.0°C

Measurement Part: Ear Cavity

Unit: °C/°F

Resolution: 0.1°C/°F

Accuracy: Between 35.0°C~42.0°C: ≤±0.2°C; Beyond 35.0°C~42.0°C: ≤±0.3°C

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