



## Vital Signs Monitor

# V9

NEW



 **BLT BIOLIGHT**

**General:**

**Size and Weight**

- Size: 125×308×233mm
- Weight: (4kg) (Including a lithium battery)

**Display**

- Type: 8" Color Anti-glare TFT LCD
- Resolution: 600×800 pixels

**Power supply**

- Input voltage: AC: 100V~240V, 50Hz/60Hz
- Input power: 80VA

**Battery**

- Type: 10.8V 6600mAh rechargeable lithium ion battery
- Operating time: >10 hours
- Charge time: 6h to 100% (Standby)

**Data Storage**

- **Clinic Mode:**  
Patient quantity: 1000  
Single patient clinic record number: 1~5000
- **Monitor Mode:**  
Patient quantity: 1  
Trend data: resolution 3Min: can store 9600 hours  
Alarm events: 100000  
NIBP measurement record: 50000

**Environmental Specifications**

- Operating  
Temperature: (5~40) °C  
Humidity : ≤85% (noncondensing)  
Atmospheric Pressure: (700~1060) hPa
- Transportation and Storage  
Temperature: (-20~+55)  
Humidity : ≤93% (noncondensing)  
Atmospheric Pressure: (500~1060) hPa

**Performance:**

**BLT Digital SpO<sub>2</sub>**

- Measurement range (0~100) %
- Resolution: 1%
- Accuracy: ±2% (70%~100%)  
unspecified (0~69)%

**PR**

- Measurement range: 20~250 bpm
- Resolution: 1 bpm
- Accuracy: ±1% or ±1 bpm, whichever is the greater

**Masimo SpO<sub>2</sub>(Option)**

- Measurement range: (0~100)%
- Resolution: 1%
- Accuracy: ±2% (70% to 100%)  
(adult/pediatric, non-motion conditions)  
±3% (70% to 100%)  
(neonate, non-motion conditions)  
±3% (70% to 100%)  
(motion conditions)  
Unspecified (0% to 69%)

**Nellcor SpO<sub>2</sub> (Option)**

- Measurement range: (0~100) %
- Resolution: 1%
- Accuracy: ±2% (70%~100%) (adult)  
±3% (70%~100%) (neonate)  
±2% (70%~100%) (low perfusion)
- unspecified (0~69)%

**NIBP**

- Technique: Automatic oscillometry
- Range: Adult: 10~270mmHg  
Child: 10~235mmHg  
Neonate: 10~135mmHg
- Accuracy: Static ±3 mm Hg  
Clinic: Average error: ±5 mmHg  
standard deviation: ≤8 mmHg
- Unit: mmHg.kPa
- Pulse rate range: 40-240 bpm

**Microstream EtCO<sub>2</sub> (Option)**

- Sample flow rate: 50 ml/min ± 10 ml/min
- Measurement range: (0~19.7) %, (0~150 mmHg)
- Resolution: 0.1% or 1mmHg
- Unit: %, mmHg, kPa
- Accuracy: ±2 mmHg 0 mmHg to 40 mmHg,  
±5% of reading 41 mmHg to 70 mmHg,  
±8% of reading 71 mmHg to 100 mmHg,  
±10% of reading 101 mmHg to 150 mmHg,

**Covidien Filac 3000 Oral Quick Thermometer**

- Accuracy : Quick Mode: (Oral) +/- 0.3° C (+/-0.6 ° F)  
Direct Mode: +/- 0.1° C (+/-0.2° F)
- Measurement Response Time: <4 second Oral
- Temperature Range : 30 ° C - 43.0 ° C (86.0 ° F - 109 ° F)

**Standard Configuration**

NIBP, BLT digital SPO<sub>2</sub>, PR, Lithium Battery, Touch Screen

**Option**

Masimo SpO<sub>2</sub>, Nellcor SpO<sub>2</sub>, Micro-Stream EtCO<sub>2</sub>, Barcode Scanner  
Covidien Filac 3000 Oral Quick Thermometer



\*Specifications subject to change without prior notice.