

FingerPrint[®] Hand-Held Pulse Oximeter

PATIENT



The BCI FingerPrint[®] Hand-Held Pulse Oximeter puts comprehensive spot-checking capability conveniently and comfortably in the palm of your hand. This low-cost, easy-to-use solution features robust memory and an integrated printer for immediate hard-copy documentation of real-time or trended data for patients ranging from neonate to adult.

PATIENT MONITORING



FingerPrint[®] Hand-Held Pulse Oximeter

SpO₂, pulse rate, and pulse strength measurements.

- Integrated printer.
- Easy-to-use, 3-key operation.
- Cost-effective, portable power: 4 easily replaceable "AA" alkaline batteries.
- Auto-shutoff conserves batteries.
- "Pulse Beep" audibly alerts caregiver of patient status.
- Flexible memory trends a single patient or stores select data for up to 99 patients.
- Protective rubber boot included.
- Monitor patients ranging from neonate to adult.
- Genuine BCI reusable and disposable sensors.

Technical Specifications

Displays, Indicators and Keys

- **SpO₂** LED numeric display 0.300 inches (7.62 mm) high
- **Pulse Rate** LED numeric display 0.300 inches (7.62 mm) high
- **Pulse Strength** Logarithmically scaled, 8-segment bar graph
- **Keys** ON/OFF, print and speaker ON/OFF

SpO₂

- **Range** 0-99% functional SpO₂ (1% increments)
- **Accuracy** ±2% at 70-99%; <70% unspecified
- **Averaging** 8 beat average

PULSE RATE

- **Range** 30-254 bpm (1 bpm increments)
- **Accuracy** ±2 bpm or ±2% whichever is greater
- **Averaging** 8 second average

Trend/Storage

- **Parameters** SpO₂, pulse rate and relative time
- **Interval** 30 seconds
- **Capacity** 14 hours of storage at 30-second intervals

Power Requirements (4) "AA" alkaline or rechargeable equivalent batteries

Battery Life 14 hours (continuous printing) 24 hours (no printing) 2000 spot checks

Integrated Printer 1-inch wide thermal printer paper 15 characters per line

Dimensions

6.6" H x 2.75" W x 1.43" D
(16.7 cm H x 7.0 cm W x 3.6 cm D)

WEIGHT 13 oz. (369 grams)

SERIAL OUTPUT RS232C

Environmental

- **Operating Temperature** 32°F to 131°F (0°C to 55°C)
- **Storage Temperature** -40°F to 167°F (-40°C to 75°C)
- **Relative Humidity** (non-condensing) 10-95% (storage) 15-95% (operating)

Mechanical Durability Test Results • Vibration Testing In compliance with IEC 68-2-6, IEC 68-2-34 MIL-STD-810E, Method 514.4

- **Shock Testing** In compliance with IEC 68-2-27

- **Drop Testing** IEC 60601-1, Section 21.5

Standards

EN60601-1, (IEC60601-1), UL544, EN 60601-1-2

Regulatory Compliance

ISO 9001/ISO 13485

Catalog Number

- **3401** FingerPrint Hand-Held Pulse Oximeter