

# FingerPrint® Hand-Held Pulse Oximeter



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.

For more information visit [smiths-medical.com/bci](http://smiths-medical.com/bci).

PATIENT MONITORING



# FingerPrint® Hand-Held Pulse Oximeter

- SpO<sub>2</sub>, 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 available.

## Technical Specifications

### DISPLAYS, INDICATORS AND KEYS

- **SpO<sub>2</sub>**  
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

### SPO<sub>2</sub>

- **Range**  
0-99% functional SpO<sub>2</sub> (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**  
SpO<sub>2</sub>, 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

Information subject to change without notice. Please read the Instructions for Use supplied with the product for detailed instructions, warnings and cautions.

Q-Line for U.S.A. customers: call 1-800-348-1842 for clinical application information.

For more information, please call Smiths Medical PM, Inc., at 262-542-3100 or 800-558-2345, or your Smiths Medical distributor.

### Smiths Medical PM, Inc.

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