

# FingerPrint® Sleep HAND-HELD PULSE OXIMETER

## SPECIFICATIONS:

### Displays, Indicators, & Keys:

|                  |                                                 |
|------------------|-------------------------------------------------|
| SpO <sub>2</sub> | LED numeric display<br>0.300 inch (7.62mm) high |
| Pulse Rate       | LED numeric display<br>0.300 inch (7.62mm) high |
| Pulse Strength   | Logarithmically scaled, 8-segment bargraph      |
| Keys             | On/Off and Print                                |

### SpO<sub>2</sub>:

|           |                                 |
|-----------|---------------------------------|
| Range     | 0-99%                           |
| Accuracy  | ±2% at 70-99%; <70% unspecified |
| Averaging | 4 beat average                  |

### Pulse Rate:

|           |                                    |
|-----------|------------------------------------|
| Range     | 30-254 bpm                         |
| Accuracy  | ±2 bpm or ±2% whichever is greater |
| Averaging | 8 second average                   |

### Trend Storage:

|            |                                               |
|------------|-----------------------------------------------|
| Parameters | SpO <sub>2</sub> , Pulse Rate & Relative Time |
| Interval   | 4 seconds                                     |
| Capacity   | 12 hours of storage                           |

### Dimensions:

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

### Weight:

13 oz. (369 grams) with batteries

### Power Requirements:

(4) "AA" Alkaline Batteries

### Battery Life:

2 sleep screening cycles (1 cycle=10 minutes with display on, 8 hours with display off, 5 minutes printing) or 80 hours intermittent monitoring (1 min on, 2 min off)

### Integrated Printer:

1-inch wide thermal printer paper  
15 characters per line

### Printer Output:

RS232C

### Environmental Specifications:

|                                    |                                        |
|------------------------------------|----------------------------------------|
| 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)<br>15-95% (operating) |

### Mechanical Durability Test Results:

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Vibration Testing | In compliance with MIL-STD-810E, Method 514.4 IEC 68-2-6, IEC 68-2-34 |
| Shock Testing     | In compliance with IEC 68-2-27                                        |
| Drop Testing      | IEC 60601-1, Section 21.5                                             |

### Standards:

EN60601-1 (IEC 60601-1), CAN/CSA 601.1  
IEC 60601-1-2

### Regulatory Compliance:

510(k): K011156



CE 0473

ISO 9001 / EN46001

### Catalog Number:

3403-000 FingerPrint® Sleep/Summary Printer  
MDD version available

SPECIFICATIONS 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 emergency and clinical application information 24 hours a day, 365 days a year. Experienced Clinical Specialists will return your call and assist with any questions you may have.

For more information or for the name of your representative, contact BCI, Inc.



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The product described is covered by U.S. Patent No. 5,437,275  
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