

# smiths

The Smiths Medical PM, Inc.  
**ADVANTAGE**

- SpO<sub>2</sub>, Pulse Rate & 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 & disposable sensors available

## **FingerPrint® HAND-HELD PULSE OXIMETER**

Reliable  
spot-checking  
and hard-copy  
documentation  
made easy.



The **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](http://smiths-medical.com).

# FingerPrint® HAND-HELD PULSE OXIMETER

## SPECIFICATIONS:

### Displays, Indicators, & Keys:

SpO <sub>2</sub>	LED numeric display 0.300 inch (7.62mm) high
Pulse Rate	LED numeric display 0.300 inch (7.62mm) high
Pulse Strength	Logarithmically scaled, 8-segment bargraph
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

### Dimensions:

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

### Weight:

13 oz. (369 grams) with batteries

### Power Requirements:

(4) "AA" Alkaline or rechargeable equivalent Batteries

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
Please read the Instructions for Use supplied with the product for detailed instructions, warnings, and cautions.

### Battery Life:

24 hours without printing, 14 hours of continuous printing, 2000 spot checks

### Integrated Printer:

1-inch wide thermal printer paper  
15 characters per line

### Serial Output:

RS232C

### 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

### 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) 15-95% (operating)

### Standards:

EN60601-1, (IEC60601-1), UL544,  
CSA Std. C22.2 No.125-1984  
EN 60601-1-2

### Regulatory Compliance:

510(k): K980714



ISO 9001/ISO 13485

### Catalog Number:

3401

FingerPrint® Hand-Held Pulse Oximeter

**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, please call Smiths Medical PM, Inc. Patient Monitoring and Ventilation at 262-542-3100 or 800- 558- 2345 or your Smiths Medical distributor

**smiths**

**Smiths Medical PM, Inc.**

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