

# smiths

The Smiths Medical PM, Inc.

## ADVANTAGE

- Reliably measure SpO<sub>2</sub>, Pulse Rate and Pulse Strength
- SAC Technology informs operator of excess artifacts and improper sensor positioning
- Easy-to-use, 5 key operation
- Infrared link to printer
- Lightweight for easy transport
- Battery power or battery bypass
- Protective boot available
- Genuine BCI® reusable & disposable sensors available

## MINICORR HAND-HELD PULSE OXIMETER

Pulse Oximetry  
with Serial  
Autocorrelation  
(SAC) technology.



The **MINICORR PULSE OXIMETER** puts pulse oximetry technology in the palm of your hand. Designed to provide fast, reliable SpO<sub>2</sub>, Pulse Rate and Pulse Strength measurements, the MiniCorr is ideally suited for spot-checking or bedside monitoring in home care and clinical environments, as well as during sleep screenings. For more information, visit [smiths-medical.com](http://smiths-medical.com).

# MINICORR® DIGITAL HAND-HELD PULSE OXIMETER

## SPECIFICATIONS:

### Displays, Indicators & Keys:

SpO <sub>2</sub>	LED numeric display 0.3 inch (7.62mm) high
Pulse Rate	LED numeric display 0.3 inch (7.62mm) high
Pulse Strength	Logarithmically scaled 8-segment LED bar graph
Low Battery	LED lights when approximately 30 minutes of battery life remains
Audio Disabled	LED lights to indicate temporary or indefinite status
Sensor	LED lights to indicate an Oximeter sensor problem
Artifact	LED lights to indicate the presence of excess motion or other artifact
Power	Green LED indicates monitor is connected to AC power
Keys	On/Off; Alarm Select, Alarm Silence; UP arrow - Alarm Limit/Pulse Volume Adjustment; DOWN arrow - Alarm Limit/ Pulse Volume Adjustment; Print/Clear

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

Range	0-99% functional SpO <sub>2</sub> (1% increments)
Accuracy	±2% at 70-99%; ±3% at 50-69%
Averaging	4, 8, or 16 pulse beat average
Alarm Range	High - 50%-99% & OFF (1% steps) Low - OFF & 50%-99% (1% steps)

### Pulse Rate:

Range	30-254 bpm
Accuracy	±2% or 2bpm, whichever greater at 30-254 bpm
Alarm Range	High - 5-250 bpm & OFF (5 bpm steps) Low - OFF & 5-250 bpm (5 bpm steps)
Averaging	8 or 16 second average

### Trend Storage:

Parameters	SpO <sub>2</sub> , Pulse Rate, Pulse Strength, Relative Time
Interval	4 seconds to 30 seconds
Capacity	12 hours of storage at 4 sec. interval 24 hours of storage at 8 sec. interval 90 hours of storage at 30 sec. interval

### Power:

Battery	6 standard AA alkaline cells
Battery Life	24 hours without printing
AC Power (optional)	External 12 VDC power supply

### Printer Output:

Data Log Mode	SpO <sub>2</sub> , and Pulse Rate printed every 5 seconds
Trend Data Mode	Up to 90 hours of previously stored data, collected from 1 to 99 patients

### PC Communications:

RS232C	With the oximeter sensor removed, trend data can be transmitted from the sensor connector to PC serial port by way of a null modem cable
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### Physical:

Dimensions	6.6" H x 2.75" W x 1.43" D 16.7 cm x 7.0 cm x 3.6 cm
Weight	16 oz. (454 grams) with batteries

### Environment:

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)	15-95% (storage) 10-95% (operating)

### Standards:

EN60601-1 (IEC 60601-1), UL544, CSA Std C22.2  
No. 125-1984, EN60601-1-1, EMC: EN60601-1-2

### Regulatory Compliance:

510(k): K991410



CE 0473

ISO 9001/ISO 13485

### Catalog Number:

3402	MiniCorr Digital Hand-Held Pulse Oximeter
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## 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, please call Smiths Medical PM, Inc. Patient Monitoring and Ventilation at 262-542-3100 or 800- 558- 2345 or your Smiths Medical distributor

**smiths**

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The product described is covered by U.S. Patent Nos. 5,558,096; 5,615,091  
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