

# MiniCorr Digital Hand-Held Pulse Oximeter



**The BCI® MiniCorr** Digital Hand-Held 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/bci](https://smiths-medical.com/bci).

**PATIENT MONITORING**



# MiniCorr Digital Hand-Held Pulse Oximeter

- 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 and disposable sensors available.

## Technical Specifications

### DISPLAYS, INDICATORS AND KEYS

- **SpO<sub>2</sub>**  
LED numeric display  
0.3 inch (7.62 mm) high
- **Pulse Rate**  
LED numeric display  
0.3 inch (7.62 mm) 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 to 99% SpO<sub>2</sub> (functional, 1% increments)
- **Accuracy**  
±2% at 70 to 99%; ±3% at 50 to 69%
- **Averaging**  
4, 8, or 16 pulse beat average
- **Alarm Range**  
High: 50 to 99% and OFF (1% steps)  
Low: 50 to 99% and OFF (1% steps)

### PULSE RATE

- **Range**  
30-254 bpm
- **Accuracy**  
±2% or 2 bpm  
(whichever is greater at 30-254 bpm)
- **Alarm Range**  
High: 5-250 bpm and OFF (5 bpm steps)  
Low: 5-250 bpm and OFF (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 hrs of storage at 4 sec interval  
24 hrs of storage at 8 sec interval  
90 hrs of storage at 30 sec interval

### POWER REQUIREMENTS

- **AC Power** (optional)  
External 12 VDC power supply
- **Battery**  
(6) "AA" alkaline batteries

### BATTERY LIFE

24 hours without printing

### 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

### 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

16 oz. (454 grams) with batteries

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

### STANDARDS

EN60601-1 (IEC 60601-1), UL544,  
EN60601-1-1, EMC: EN60601-1-2

### REGULATORY COMPLIANCE

ISO 9001/ISO 13485

### CATALOG NUMBER

- **3402**  
MiniCorr Digital 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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