

## BCI® 3301 Hand-Held Pulse Oximeter



The BCI® 3301 Hand-Held Pulse Oximeter quickly and reliably delivers pulse oximetry wherever spot-checking is needed... including EMS, physicians offices, outpatient clinics, hospitals, and home healthcare. In fact, its ergonomic design, easy-to-read display and proven ability to accurately indicate SpO<sub>2</sub> and pulse rate for patients from neonate to adult have helped make Smiths Medical PM, Inc. the global leader in hand-held pulse oximetry technology.

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

PATIENT MONITORING



# BCI® 3301 Hand-Held Pulse Oximeter

## Technical Specifications

### DISPLAYS, INDICATORS AND KEYS

- **SpO<sub>2</sub>**  
LED numeric display 0.46 inches (11.68 mm) high
- **Pulse Rate**  
LED numeric display 0.38 inches (9.65 mm) high
- **Pulse Strength**  
Logarithmically scaled, 8-segment bar graph
- **Keys**  
ON and OFF Keys

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

- **Range**  
0 to 99% SpO<sub>2</sub> (functional)
- **Accuracy**  
±2% at 70 to 99%; <70% unspecified
- **Averaging**  
8 beat average

### PULSE RATE

- **Range**  
30-254 bpm
- **Accuracy**  
±2% or 2 bpm (whichever is greater) at 30-254 bpm
- **Averaging**  
8 second average

### MEMORY

1,000 Spot Checks, up to 99 patients

### POWER REQUIREMENTS

(3) "C" alkaline or NiCAD batteries

### BATTERY LIFE

Approximately 24 hours in Continuous Use Mode  
1500 spot checks, 1 min ON, 2 min OFF

### AUXILIARY PRINTER OUTPUT

RS232C

### DIMENSIONS

6.8" H x 3.3" W x 1.5" D  
(17.2 cm H x 8.4 cm W x 3.7 cm D)

### WEIGHT

16.5 oz. (462 grams) with batteries

### ENVIRONMENTAL

- **Operating Temperature**  
32°F to 131°F (0°C to 55°C)
- **Storage Temperature**  
-29°F to 158°F [-34°C to 70°C]
- **Relative Humidity**  
10-95% (storage)  
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**  
Exceeded UL 544 testing recommendations

### STANDARDS

EN60601-1 (IEC 601-1)  
CAN/CSA 601.1, CAN/CSA NRTL/C

### REGULATORY COMPLIANCE

ISO 9001/ISO 13485

### CATALOG NUMBER

- **3301**  
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.

Patient Monitoring and Ventilation

N7W22025 Johnson Drive, Waukesha, Wisconsin 53186 USA

Phone: 262-542-3100 Fax: 262-542-0718 Toll-Free: 800-558-2345

[www.smiths-medical.com/bci](http://www.smiths-medical.com/bci)

Smiths Medical, part of the global technology business Smiths Group

BCI and the Smiths Medical design mark are trademarks of the Smiths Medical family of companies.

The symbol ® indicates the trademark is registered in the U.S. Patent and Trademark Office and certain other countries.

All other names and marks mentioned are the trade names, trademarks or service marks of their respective owners.

©2008 Smiths Medical family of companies. All rights reserved. BCI 3301 - PM195608EN Rev.12 05/08

smiths medical