



## BCI™ 3301 HAND-HELD PULSE OXIMETER

### THE BCI ADVANTAGE

- Durable yet lightweight design
- Ergonomically designed to fit your hand comfortably
- Bright, easy-to-read LED numerals
- Quantitative pulse strength bar on screen
- Fast, reliable SpO<sub>2</sub> & pulse rate measurements
- Stores data for up to 99 different patients
- Simple On/Off control with auto shutoff to conserve battery life
- Powered by 3 easily replaceable C-cell batteries
- Monitor patients ranging from neonate to adult
- Genuine BCI, Inc. reusable & disposable sensors available



Simple, accurate  
spot-checking from  
the hand-held  
pulse oximetry  
leader.

The **BCI™ 3301 HAND-HELD PULSE OXIMETER** quickly and reliably delivers pulse oximetry wherever spot-checking is needed... including EMS, physicians offices, outpatient clinics and hospitals. 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 BCI, Inc. the global leader in hand-held pulse oximetry technology. For more information, visit [smiths-bci.com](http://smiths-bci.com).

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Smiths Medical – a part of Smiths Group plc

# BCI™ 3301 HAND-HELD PULSE OXIMETER

## SPECIFICATIONS:

### Displays, Indicators, & Keys:

SpO <sub>2</sub>	LED numeric display 0.43 inch (10.9mm) high
Pulse Rate	LED numeric display 0.300 inch (7.62mm) high
Pulse Strength	Logarithmically scaled, 8-segment bargraph
Keys	ON & OFF Keys

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

Range	0-99%
Accuracy	±2% at 70-99%; <70% unspecified
Averaging	8 beat average

### Pulse Rate:

Range	30-254 bpm
Accuracy	±2% at 30-254 bpm
Averaging	8 second average

### Memory:

1,000 Spot Checks, up to 99 patients

### Dimensions:

6.3" H x 3.25" W x 1.25" D  
160mm x 82.6 mm x 31.75mm

### Weight:

16.5 oz. (462 grams) with batteries

### Power Requirements:

(3) "C" Cell Alkaline or NiCAD 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:

Approximately 24 hours in Continuous Use Mode.  
1500 spot checks, 1 min. on, 2 min. off

### Auxiliary Printer Output:

RS232C

### Environmental Specifications:

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)  
UL 2601-1 and CAN/CSA 601.1  
CAN/CSA NRTL/C

### Regulatory Compliance:

510(k): K943404, K980714



CE 0473

ISO 9001 / EN46001

### Catalog Number: 3301

MDD version available

**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. 351,023  
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**BCI, Inc.** - The world leader in hand-held pulse oximetry technology; Part of the Smiths Medical Group - your source for BCI, Deltec, Level 1, and Portex technologies.