

## 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

- 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> and 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" batteries.
- Monitor patients ranging from neonate to adult.
- Genuine BCI® reusable and disposable sensors available.

### 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

#### SP<sub>O</sub><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.

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