

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 SpO₂ 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.

PATIENT MONITORING



BCI® 3301 Hand-Held Pulse Oximeter

Technical Specifications

DISPLAYS, INDICATORS AND KEYS

- **SpO₂**
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

SPO₂

- **Range**
0 to 99% SpO₂ (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

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www.smiths-medical.com/bci

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