

smiths

The Smiths Medical PM, Inc.
ADVANTAGE

- 3 operating modes enhance user convenience
- Allows menu-free operation via one-touch, direct-function keys
- Easily adjust LED display brightness to optimize viewing
- Pulse strength bar on screen
- Adjustable alarm limits for SpO₂ and pulse rate
- Instantly distinguish between audible patient alarms and system alerts
- View patient history on-screen; recall up to 99 patient SpO₂ and pulse rate readings with 24-hr memory
- Protective rubber boot included
- Pole mount available
- Internal rechargeable NiMH battery
- Genuine BCI® reusable & disposable sensors available

BCI® 3303 HAND-HELD PULSE OXIMETER

Exceptional flexibility from the hand-held pulse oximetry leader.



The **BCI® 3303 HAND-HELD PULSE OXIMETER** facilitates spot checking and continuous SpO₂ and pulse rate monitoring for home-care use, as well as at the hospital bedside or for land or air transport situations. Stores data for later sleep study analysis via a PC or commercially available printer. It's precisely the kind of inspired design you'd expect from the global leader in hand-held pulse oximetry technology. For more information, visit smiths-medical.com.

BCI® 3303 HAND-HELD PULSE OXIMETER

SPECIFICATIONS:

Displays, Indicators & Keys:

SpO ₂	LED numeric display 0.43 inch (11 mm) high
Pulse Rate	LED numeric display 0.375 inch (9.5 mm) high
Pulse Strength	Logarithmically scaled 8-segment LED bar graph
Low Battery	LED flashes when approximately 30 minutes of battery life remains
Alarm Silence	LED flashes or lights to remind the user that audio alarms are disabled
Sensor	LED flashes to alert the operator to check the SpO ₂ sensor placement

SpO₂:

Range	0-100%
Accuracy	±2% at 70-100%; ±3% at 50-69%
Averaging	4, 8, or 16 pulse beat average
Alarm Range	High - 50%-100% & OFF (1% steps) Low - OFF & 50%-99% (1% steps)

Pulse Rate:

Range	30-254 bpm
Accuracy	±2% at 30-254 bpm
Resolution	1 bpm
Alarm Range	High - 5-250 bpm & OFF (5 bpm steps) Low - OFF & 5-250 bpm (5 bpm steps)

Memory:

Spot checks and trends can be stored for up to 99 patients and 24 hours of run time.

Auxiliary Serial Printer/Computer Output:

Data saved every thirty seconds can be printed or downloaded to a PC (trend).

Data saved every four seconds in sleep mode can be output and processed by commercially available sleep study software.

Physical:

Dimensions	7.25" H x 3.3" W x 1.85" D 18.4 cm x 8.4 cm x 4.7 cm
Weight	19 oz. (539 grams)

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Please read the Instructions for Use supplied with the product for detailed instructions, warnings, and cautions.

Power:

AC Power	105-125V ~ 60Hz
Optional	207-253V ~ 50Hz, 90-110V ~ 50Hz
Battery	Standard NiMH (Nickel Metal Hydride)
Battery Life	Internal rechargeable, not user replaceable. Fully charges in about 6 hours. Approximately 24 hours of continuous use.

Environment:

Operating Temperature	-4°F to 131°F (-20°C to 55°C)
Storage Temperature	-40°F to 167°F (-40°C to 75°C)
Relative Humidity (non-condensing)	10-95% (storage) 15-95% (operating)

Mechanical Durability Test Results:

Vibration Testing	In compliance with 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, EN60601-1-2, CSA Std. C22.2 No. 125, UL 544

Regulatory Compliance:

510(k): K945754



ISO 9001/ISO 13485

Catalog Number:

3303 Hand-Held Pulse Oximeter

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, please call Smiths Medical PM, Inc. Patient Monitoring and Ventilation at 262-542-3100 or 800-558-2345 or your Smiths Medical distributor

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Smiths Medical PM, Inc.

Patient Monitoring and Ventilation
N7 W22025 Johnson Drive, Waukesha, Wisconsin 53186 USA
Phone: 262-542-3100 Fax: 262-542-0718 Toll-Free: 800-558-2345
www.smiths-medical.com

The product described is covered by U.S. Patent No. 5,437,275
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