

SPECTRO₂ | 10 Pulse Oximeter



● Large, Bright LED Display

● Simple, One-handed Operation

● Durable Construction

Affordable, dependable and easy to use

Why sacrifice performance for cost? With the SPECTRO₂ |10 pulse oximeter, you don't have to.

The SPECTRO₂ |10 oximeter delivers quick, reliable spot-check results, meeting the needs of health care providers in primary care environments.

- Routine patient care assessments
- Ongoing management of episodic conditions
- Health wellness checks

With its unique features and optional accessories, the SPECTRO₂ |10 oximeter can be customized to address the needs of virtually any clinical setting.

For more information about the SPECTRO₂ |10 oximeter and its associated accessories, visit smiths-medical.com/bci.

PATIENT MONITORING

SPECTRO₂ Pulse Oximeter Series –
Designed With You in Mind

SPECTRO₂ | 10 Pulse Oximeter Features

PI (Pulse amplitude Index) Indicator

- Helps identify and maintain a good test site
- Enables confidence in results

One of the largest displays on the hand-held market

- At-a-glance patient assessment
- Easy to view from wide angles
- 50% larger LEDs than comparable hand-held devices

On-board sensor storage cradle

- Stores and protects sensor
- Reduces damage and minimizes replacement costs
- Sensor is always ready and available

Versatility with multiple sensors

- Compatible with all BCI[®] sensors
- New BCI[®] 20-inch Spot-Check Sensor
 - Keeps frustrating cable tangles to a minimum
 - Quick, easy patient assessments

Optional Accessories

• Docking Station

- Converts hand-held device to a table-top unit
- Allows for convenient storage
- Recharges device and an additional “back-up” Lithium Ion battery
- Modular style for attaching optional printer

• Attachable Printer

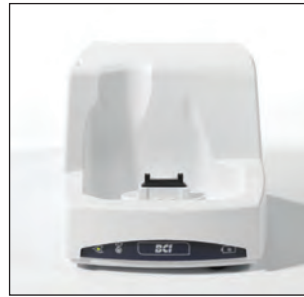
- Prints real-time, graphical and numerical trends

• Power Options

- Disposable batteries
- AC power
- BCI[®] rechargeable Lithium Ion battery
- USB cable

• Protective Rubber Gloves

- Available in a range of colors



Docking Station



Attachable Printer



Power Options



Protective Rubber Gloves

Technical Specifications

DISPLAYS AND INDICATORS

- **Keys** – ON/OFF button

SpO₂ (FUNCTIONAL)

- **Range**
0 to 99% (1% increments)
- **Standard Accuracy**
Adult / Ped $\pm 2 A_{rms}$ at 70 - 99%
- **Low Perfusion Accuracy**
Adult / Ped $\pm 2 A_{rms}$ at 70 - 99%
Less than 70% unspecified
(Pulse amplitude $< 1\%$. Tested using industry standard simulator.)
- **Averaging** – 8 beats

PULSE RATE

- **Range** – 30 - 254 bpm (1 bpm increments)
- **Standard Accuracy**
 $\pm 2 A_{rms}$ over 30 - 254 bpm range
- **Low Perfusion Accuracy**
 $\pm 3 A_{rms}$ over 30 - 250 bpm range
Less than 70% unspecified
(Pulse amplitude $< 1\%$. Tested using industry standard simulator.)
- **Averaging** – 8 seconds

PULSE SIGNAL STRENGTH

- **Range**
0 to 9 indicator, indicates logarithmic strength of patient pulse
- **Display** – 9-segment red LED bargraph

PULSE AMPLITUDE INDEX

- **Range** – 0% - 20% (0.2% increments)
- **Display** – 9-segment green/yellow LED bargraph

POWER REQUIREMENTS

- **Battery**
4 “AA” alkaline or custom 2-cell Lithium Ion rechargeable battery pack
- **External (from AC Charger)**
9V, 3A output; input of 100-240 VAC, 50Hz, 60Hz
- **External (from USB)**
Input: 5V, 500mA max (USB powered source)
Output: 9V, 230mA max to oximeters

BATTERY LIFE

- **Alkaline Cells Life** – Approx. 32 hours of use
- **Rechargeable Battery Life**
Approx. 54 hours of continuous use (new)
Approx. 3 hours typical recharge time

MEMORY – Stores data for up to 99 patients

TREND STORAGE

- **Parameters**
%SpO₂, Pulse Rate, Pulse amplitude Index and Relative Time
- **Interval** – 4 seconds
- **Capacity** – 144 hours at 4 second intervals

ENVIRONMENT

- **Operating Temperature**
Oximeter and accessories: 0°C to 55°C (32°F to 130°F)
Power supply: 0°C to 40°C (32°F to 104°F)
Li+ battery charging: 5°C to 45°C (41°F to 113°F)
- **Relative Humidity**
Operating: 15 to 95% (non-condensing)
Storage: 10 to 95% (non-condensing)
- **Altitude** – Up to 10,000 ft.
- **Shock and Vibration** – Transport per ISO 9919

PHYSICAL

- **Dimensions** – 3.3W x 6.1H x 1.7D in
- **Weight** – 340g including four “AA” batteries

STANDARDS

EN60601-1, EN60601-1-2, ISO 9919

WARRANTY – 3 years

CATALOG NUMBER – WW1000

PRODUCT(S) DESCRIBED MAY NOT BE LICENSED OR AVAILABLE FOR SALE IN CANADA AND OTHER COUNTRIES

Smiths Medical ASD, Inc.
St. Paul, MN 55112, USA
Phone: +1-614-210-7300
Toll-Free USA 1-800-258-5361
www.smiths-medical.com

Find your local contact information at: www.smiths-medical.com/customer-support

Smiths Medical is part of the global technology business Smiths Group plc. Please see the Instructions for Use/Operator's Manual for a complete listing of the indications, contraindications, warnings and precautions. SPECTRO₂, BCI, and BCI and Smiths Medical design marks are trademarks of Smiths Medical. 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 trademarks or service marks of their respective owners. ©2014 Smiths Medical. All rights reserved. PM195629EN-102014

MPAUC-1145

**Rx
ONLY**

smiths medical