SPECTRO™ 30 Digital Pulse Oximeter

Dependable results, plus the flexibility to perform in virtually any clinical setting

Utilizing BCI® patented technology, the SPECTRO™ 30 pulse oximeter can be trusted for dependable readings on a wide range of patients in the most challenging situations.

Includes multiple operating modes with audible and visual alarms and the ability to be alerted through a remote nurse call system to ensure patient safety.

The SPECTRO™ 30 oximeter enables healthcare providers to monitor for efficacy of respiratory treatments.

• At risk patients
• Sleep screening
• Post anesthesia recovery
• Analgesics monitoring

With its unique features and optional accessories, the SPECTRO™ 30 oximeter can be customized to address the needs in most clinical settings.

For more information about the SPECTRO™ 30 oximeter and its associated accessories, visit smiths-medical.com/bci.

PATIENT MONITORING
SPECTRO®2 | 30 Pulse Oximeter Features

- Dependable readings for a wide range of patients in challenging situations
- Low perfusion performance and motion tolerance
- PI (Pulse amplitude Index) Indicator
- Helps identify and maintain a good test site
- Enables confidence in results
- Versatility with multiple sensors
- Compatible with all BCI® sensors
- Nellcor® sensor compatibility
- Visual, audible and remote alarms
- Alerts for potential clinical intervention
- Remote alarm operates through nurse call system

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 when not in use

Programmable modes
- Clinician, home and sleep modes
- Dependable readings for a wide range of patients

Technical Specifications

DISPLAYS AND INDICATORS
- Keys
  - 6-button keypad for menu navigation and device configuration; ON/OFF button

SpO2 (FUNCTIONAL)
- Range
  - 0 to 100% (1% increments); display maximum 99%
- Standard Accuracy
  - Adult / Ped ±2 Arms at 70 - 100%
  - Neonate ±3 Arms at 70 - 100%
- Low Perfusion Accuracy
  - Adult / Ped ±2 Arms at 70 - 100%
  - Neonate ±3 Arms at 70 - 100%
- Motion Accuracy
  - Adult / Ped ±2 Arms at 70 - 100%
  - Neonate: ±3 Arms at 70 - 100%

PULSE RATE
- Range
  - ±20 - 300 bpm (1 bpm increments)
- Standard Accuracy
  - ±2 Arms
- Low Perfusion Accuracy
  - ±3 Arms over 25 - 250 bpm range
  - Less than 70% unspecified (Pulse amplitude <1%)
- Averaging
  - 8 or 16 seconds (default = 8); Sleep Mode = 8
- Alarms
  - High: 50 - 99, 1 step (%SpO2) increments
  - Low: 0.03% - 20% (0.01% increments)
  - Display – 9-segment green/yellow LED bargraph

PULSE AMPLITUDE INDEX
- Range
  - ±0.03% - 20% (0.01% 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 mains)
    - 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 oximeter

BATTERY LIFE
- Alkaline Cells Life
  - Approx. 17 hours of continuous use
- Rechargeable Battery Life
  - Approx. 30 hours of continuous use (new); Approx. 3 hours typical recharge time

MEMORY
- Stores data for up to 99 patients

Optional Accessories
- Docking Station
  - Converts hand-held device to a table-top unit
  - Allows for convenient storage
- Attatchable 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

www.smiths-medical.com/bci

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TO ORDER CALL: 800.544.0048
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