Digit® Finger Pulse Oximeter

The BCI® Digit® Finger Pulse Oximeter delivers fast, reliable oximetry in an extremely handy, pocket-size solution by combining the monitor and sensor into one unit. While it’s small in size, Digit® is big on performance, providing SpO₂, pulse rate, and pulse strength measurements for patients from pediatric to adult. This affordable, non-invasive device offers the convenience clinicians appreciate in EMS, hospital or clinical environments, as well as home use.

For more information, visit smiths-medical.com/bci.

PATIENT MONITORING
Digit® Finger Pulse Oximeter

- Combines monitor and sensor into one lightweight, pocket-size, portable solution.
- Easy-to-use, one-button keypad.
- Provides fast, reliable SpO₂, pulse rate and pulse strength measurements.
- Monitor patients ranging from pediatric to adult.
- Large LED display for use in a wide range of light or dark environments.
- Auto power shutdown after 8 seconds conserves batteries when not in use.
- Low-battery indicator flashes when remaining battery time drops under 30 minutes.
- Rugged design features four springs enclosed in a high impact polycarbonate shell.

Technical Specifications

**DISPLAYS, INDICATORS AND KEYS**

- **SpO₂**
  - LED numeric display, 0.32 inches (8.1 mm) high
- **Pulse Rate**
  - LED numeric display, 0.32 inches (8.1 mm) high
- **Pulse Strength**
  - LED bar graph display, 0.32 inches (8.1 mm) high
- **Keys**
  - On key

**SPO₂**

- **Range**
  - 0 to 99% functional SpO₂ (1% increments)
- **Accuracy**
  - ±2% at 70 to 99% less than 70% unspecified
- **Averaging**
  - 8 pulse beat average

**PULSE RATE**

- **Range**
  - 30 to 254 bpm (1 bpm increments)
- **Accuracy**
  - ±2% or 2 bpm (whichever is greater)
- **Averaging**
  - 8 second average

**POWER REQUIREMENTS**

- (2) “AAA” alkaline batteries (IEC Type LR03)

**BATTERY LIFE**

- 16 hours continuous use
- 1400 spot checks, 1 min ON, 2 min OFF

**DIMENSIONS**

- 2.25” H x 1.7” W x 1.5” D
  - (5.72 cm H x 4.33 cm W x 3.81 cm D)

**WEIGHT**

- 3 oz. (85 grams) with batteries

**ENVIRONMENTAL**

- **Operating Temperature**
  - 32°F to 131°F (0°C to 55°C)
- **Storage Temperature**
  - -40°F to 167°F (-40° to 75°C)
- **Relative Humidity** (non-condensing)
  - 10 to 95% (storage)
  - 15 to 95% (operating)

**STANDARDS**

- EN60601-1 (IEC60601-1)
- CAN/CSA 601.1
- CAN/CSA NRTL/C

**REGULATORY COMPLIANCE**

- ISO 9001/ISO 13485

**CATALOG NUMBER**

- 3420Y
  - Digit® Finger Pulse Oximeter, Yellow

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Information subject to change without notice. Please read the Instructions for Use supplied with the product for detailed instructions, warnings and cautions.


For more information, please call Smiths Medical PM, Inc., at 262-542-3100 or 800-558-2345, or your Smiths Medical distributor.

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