

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

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.

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