

Digit® Finger Pulse Oximeter



The BCI® Digit® Finger Pulse Oximeter delivers fast, reliable high performance measurements for SpO₂ and pulse rate in a light, easy-to-carry solution by combining monitor and sensor into one unit. Digit® enables busy clinicians to obtain additional insight to their patient's status noninvasively and safely. Like a stethoscope, Digit® can be carried around the neck with a lanyard or in a pocket for easy accessibility to reliable readings on a wide range of patients. Whether in EMS, long term or acute care settings, Digit® is a convenient, cost-effective point-of-care device. Used in conjunction with other vital sign measurements,

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
- 2 year warranty

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

Smiths Medical