

N-20PA

HANDHELD PULSE OXIMETER

Rock-solid construction delivers worry-free operation.

The Nellcor® N-20PA Handheld Pulse Oximeter, with its durable construction, is the kind of oximeter you can depend on day after day.

It has been shock-tested, vibration-tested and subjected to extreme temperatures. It has even withstood the rigors of Mount Everest. We're so confident the N-20PA Handheld Pulse Oximeter can stand up to your demands that we offer it with a three-year warranty.



The Nellcor N-20PA Handheld Pulse Oximeter is conveniently portable for spot checks, but large enough that it won't easily get lost.

Rugged, reliable construction with a protective boot cover.

For continuous monitoring as well as spot-check measurements of SpO₂ and pulse rate.

Long, 32-hour battery life.

Audible/visible alarms and easy-to-see day/night display.

Built-in printer to record patient oxygenation status.

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Specifications

Performance

- **Operation:** Continuous monitoring. A constant-pitch beep tone sounds with each detected pulse.
- **Sensor Compatibility:** The N-20PA Handheld Pulse Oximeter is compatible with all Nellcor pulse oximetry sensors, except for *OxiMax*[®]-exclusive sensors, such as the *MAX-FAST*[™] and *SoftCare*[™] sensors, which operate only with Nellcor *OxiMax* technology.
- **Display:** Oxygen saturation, pulse rate, vertical bar graph pulse amplitude indicator/battery meter, pulse search indicator, low battery indicator.
- **Display Range:**
SpO₂: 0% to 100%
Pulse Rate: 20 to 250 bpm
- **Alarms:**
Audible alarms for Low Batt, Pulse Search, High Sat, Low Sat, High Rate, Low Rate.
Pre-Set Alarm Limits:

	Adult	Neonate
High SpO ₂	100%	95%
Low SpO ₂	85%	80%
High Pulse Rate	170 bpm	190 bpm
Low Pulse Rate	40 bpm	90 bpm
- **Accuracy (% SpO₂ ± 1 SD):**
Adults: 70% to 100% ± 2 digits*
0% to 69% Unspecified

Neonates: 70% to 100% ± 3 digits**
*with D-25 sensor
**with N-25 sensor

- **Pulse Rate Accuracy**
20 to 250 bpm ± 3 bpm

Physical Characteristics

- **Size:** 7.5" H x 3.0" W x 2.5" D (19.0 x 7.6 x 6.4 cm)
- **Weight:** 1.4 lb (0.62 kg)

Power Characteristics

- 6 VDC supplied by four C-size alkaline batteries
- **Battery Life:** 32 hours typical

Environmental Requirements

- **Shock:** MIL-STD-810E, method 516.4
- **Vibration:** 5-35 Hz, 0.015" peak to peak
35-500 Hz, 1 g
15-minute sweep, each axis
Resonant frequencies, 20 minutes, each axis
- **Temperature:**
Storage -20°C to 55°C
Operating 0°C to 55°C (instrument)
0°C to 40°C (printer)

tyco
Healthcare

Nellcor

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Caution: Federal (U.S.A.) law restricts this device to sale by or on the order of a physician.

Specifications subject to change without notice.

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Ordering Information

Description	Catalog Number
N-20PA Handheld Pulse Oximeter, includes 4 C-size alkaline batteries, one <i>Durasensor</i> Finger-Clip Sensor (DS-100A), DEC-4 sensor extension cable, integral thermal printer and 12 rolls of printer paper (901624), protective boot (024605), moisture-resistant jacket and operator's manual.	N20PA

Accessories

GCX N-20 Series Pole Mount Assembly	040446
GCX N-20 Series Wall Mount Assembly, with 7" wall channel	040447
Protective Boot, N-20P Series (replacement part)	024605
Soft Carrying Case for N-20 Series Pulse Oximeters	024607
Dual Soft Carrying Case for N-20 Series Pulse Oximeters	029043
Printer paper, 12 rolls/box	901624