



Nellcor™ OxiMax N-560 Pulse Oximeter

Nellcor™
Puritan Bennett™
BIS™
Mallinckrodt™
DAR™
Shiley™

FEATURING LOSAT EXPANDED ACCURACY

The LoSat expanded accuracy feature of our OxiMax adhesive sensors assures you of a wide accuracy range (60% to 100% SpO₂) when used with the Nellcor OxiMax N-560 pulse oximeter. This allows improved patient assessment at the more challenging lower saturation levels common in infants with congenital heart disease.

MONITOR WITH CONFIDENCE.

The Nellcor™ OxiMax N-560 pulse oximeter from Covidien is a compact, affordable bedside monitor that delivers full-size performance. It incorporates the latest Nellcor™ signal processing technology for accurate, reliable SpO₂ and pulse rate measurements even in conditions of low perfusion and signal interference, including patient motion. This technology, along with the full line of versatile OxiMax sensors, allows clinicians to confidently and effectively monitor a wide range of patients.

Sleek, simple design. The Nellcor OxiMax N-560 pulse oximeter is smaller than most other standalone pulse oximeters and has a simple, well-designed user interface that caregivers will be comfortable with. Save time and space with this easy-to-use OxiMax pulse oximeter.



NELLCOR™ OXIMAX N-560 PULSE OXIMETER FEATURES

Monitors neonates through adults.

Simple, intuitive operation and space-saving design.

The Covidien distinctive digital signal processing technology enhances performance during low perfusion, patient motion and other forms of signal interference.

Variable pitch beep tone enables clinicians to hear point-by-point changes in SpO₂.

Display changes from green to red during alarms.

Eight-hour battery life.

24-hour trend memory.

Optional paging system supplements bedside and central station alarms to reduce response time.

Integrated Score analysis functionality streamlines in-hospital sleep screening.

Patient trend data can be stored on a USB drive for archive and analysis.

TEAM UP WITH TELEMETRY

To enhance patient safety monitoring on your general care floor, you can team OxiMax N-560 pulse oximeters at the bedside with the Covidien cost-effective remote oximetry alarm systems or connect them to nurse call systems.

Adult specifications are shown for the OxiMax MAX-A and MAX-N sensors with the OxiMax N-560 pulse oximeter. Neonate specifications are shown for MAX-N sensors with the OxiMax N-560 pulse oximeter. Saturation accuracy will vary by sensor type. Refer to the Nellcor™ Sensor Accuracy Grid Card for details. The low perfusion specifications apply to monitor performance. Refer to the OxiMax N-560 pulse oximeter operator's manual for complete description, instructions, warnings, cautions and specifications. Specifications are subject to change without notice.

NELLCOR™ OXIMAX SENSOR ADVANTAGES

As part of the Covidien Nellcor™ OxiMax pulse oximetry system, the OxiMax N-560 pulse oximeter works with the full line of OxiMax sensors, which help expand your patient monitoring options.

- OxiMax SpO₂ forehead sensor offers improved performance when patients have low perfusion.
- OxiMax nonadhesive sensors provide a gentle, single-patient-use alternative to adhesive sensors for patients with fragile skin.

FEATURES AND SPECIFICATIONS

PERFORMANCE

Measurement range

| | |
|--------------------|----------------------------------|
| SpO ₂ : | 1% to 100% |
| Pulse rate: | 20 to 250 beats per minute (bpm) |
| Pulse amplitude: | 0.03% to 20% |

ACCURACY

Saturation (% SpO₂ ± 1 SD)

| | |
|----------------|---|
| Adult: | 70% to 100% ± 2 digits 60% to 80% ± 3 digits |
| Neonate: | 70% to 100% ± 2 digits 60% to 80% ± 4 digits |
| Low perfusion: | 70% to 100% ± 2 digits |
| Pulse rate | 20 to 250 bpm ± 3 digits |
| Low perfusion: | 20 to 250 bpm ± 3 digits |

ELECTRICAL

Instrument

| | |
|---------------------|---|
| Power requirements: | 100 to 240 VAC, 25 to 39 VA |
| Fuse rating: | Qty 2, 2A, 250 volts, slow-blow IEC (5x20 mm) |

Battery

| | |
|-------------------|--|
| Type: | NiMH |
| Battery capacity: | Minimum of 8 hours using new, fully charged battery with no alarms, no serial data |

ENVIRONMENTAL

Operating temperature

| | |
|---|--------------------------|
| Instrument: | 10°C to 45°C |
| Transport/Storage Temperature (in shipping carton): | -20°C to 70°C |
| Operating Humidity: | 15% to 95% noncondensing |
| Operating Altitude: | -1,280 ft to 18,288 ft |

PHYSICAL CHARACTERISTICS

| | |
|--------|-------------------|
| Weight | 3.07 lb (1.39 kg) |
|--------|-------------------|

Size

2.95 H x 9.06 W x 5.04 D (inches)
(7.5 cm x 23.0 cm x 12.8 cm)

Equipment compliance

| | |
|-------------|----------------------------|
| IEC 60601-1 | IPX1 |
| CSA 601.1 | ISO 9919:2005 |
| UL 2601-1 | EN/IEC 60601-1-2 (2nd ed.) |

Emissions compliance

EN55011, Group 1, Class B

Output

EIA-232 digital output from serial port
OxiNet Communications Output Protocol
Nurse call capability

Display/indicators

High quality LED display changes from green to red during alarm conditions.

Pulse amplitude indicator (10-segment LED).

Visual indicators: Pulse search, audible alarms silenced or off, interference indicator, battery charging, data in sensor and Nellcor™ SatSeconds alarm management clock

Alarms

Audible and visual alarms for high/low saturation and pulse rate.

SatSeconds Alarm Management settings:

10, 25, 50 and 100, or OFF

Audible and visual warning indicators for low battery and sensor off.

Audible sensor disconnect alarm.

Optional accessories

GCX mounting adapter
Pole mount clamp
Interface cables
Visual alarm indicator antenna

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