



NELLCOR® OXIMAX® **N-560™** PULSE OXIMETER

MONITOR WITH CONFIDENCE.

FEATURING LOSAT™ EXPANDED ACCURACY

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

The *OxiMax® N-560™* pulse oximeter from Nellcor is a compact, affordable bedside monitor that delivers full-size performance. It incorporates Nellcor's latest 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 *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.

OXIMAX SENSOR ADVANTAGES

As part of Nellcor's *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 MAX-FAST*® forehead sensor offers improved performance when patients have low perfusion.

- *OxiMax SoftCare*® nonadhesive sensors provide a gentle, single-patient-use alternative to adhesive sensors for patients with fragile skin.

OXIMAX N-560 PULSE OXIMETER FEATURES

- Monitors neonates through adults.
- Simple, intuitive operation and space-saving design.
- Nellcor's 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.

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 Nellcor's cost-effective remote oximetry alarm systems or connect them to nurse call systems.

FEATURES AND SPECIFICATIONS

PERFORMANCE

Measurement Range

SpO₂: 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 Classification

- IEC 60601-1
- CSA 601.1
- UL 2601-1
- IPX1
- ISO 9919:2005
- 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

Displays/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 *SatSeconds* 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

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 Nellcor's 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.



tyco
Healthcare
Nellcor

4280 Hacienda Drive
Pleasanton, CA 94588
Tel 925.463.4000
Toll Free 1.800.635.5267
www.nellcor.com

Tyco Healthcare UK LTD.
154 Fareham Road
Gosport, UK PO13 0AS
Tel +44.1329.224000