



N-600x™ Pulse Oximeter

Confidently Monitor Your Most Critically Ill Patients

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-600x pulse oximeter. This allows improved patient assessment at the more challenging lower saturation levels common in congenital heart disease (CHD) infants.

EXTREME PERFORMANCE DEFINED

The NELLCOR™ OXIMAX™ N-600x™ pulse oximeter delivers exceptional performance throughout the hospital, so you can confidently monitor even your most critically ill patients. While some oximeters may have trouble acquiring a pulse signal during low perfusion and signal interference, the OxiMax N-600x pulse oximeter achieves accurate, reliable readings during these difficult conditions. It includes our unique SATSECONDS™ alarm management technology to safely reduce nuisance alarms that can interfere with staff productivity.

EASY TO SEE, EASY TO USE

- Bright blue backlight with dimmer and contrast adjustment.
- Flip feet let you adjust the angle for improved tabletop viewing.
- Three display options: plethysmographic waveform, large numerics and customizable real-time trend.

PATIENT SAFETY FEATURES

- Digital signal processing technology enhances performance during difficult conditions.*
- SatSeconds alarm management function offers a safe, practical way to reduce nuisance alarms.
- Connect OxiMax N-600x pulse oximeters to Covidien's remote oximetry alarm systems or nurse call systems for enhanced patient safety on general care floors.

*The OxiMax N-600x pulse oximeter has the same signal processing technology as the OxiMax N-600 pulse oximeter.



OXIMAX N-6000X PULSE OXIMETER

Exceptional performance in any clinical environment and compatible with the complete line of OxiMax sensors.

- Convenient selection of adult or neonate alarm limits, and user-configurable power-on settings.
- On-screen quick guide provides instant help to assist caregivers with monitor operation.
- Sensor Messages function provides troubleshooting tips for optimal sensor application.
- Variable pitch beep tone enables clinicians to hear point-by-point changes in SpO₂.
- User-selectable fast-averaging mode (2-3 seconds) to more precisely track rapidly changing saturations.
- On-screen viewing of 24-48 hours of downloadable SpO₂ and pulse rate trends taken at 2-4 second intervals; printing capability.
- Compatible with Philips VueLink device interface module, M1032A-A05.

OXIMAX SENSOR ADVANTAGE

The diverse family of Nellcor OxiMax sensors expands your monitoring capabilities.

- The MAX-FAST[®] forehead sensor offers a better option for monitoring patients with low perfusion.
- SOFTCARE[®] nonadhesive sensors provide a gentle alternative for patients with fragile skin.

FEATURES AND SPECIFICATIONS

PERFORMANCE

Measurement Range

SpO₂: 1% to 100%

Pulse rate: 20 to 250 beats per minute

Perfusion index: 0.03% to 20%

Accuracy (Adult-Neonate)

Saturation (% SpO₂ ± 1 SD)

70% to 100% ± 2 digits

60% to 80% ± 3 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 120 VAC,
200 to 240 VAC, 50/60 Hz, 20 VA

Fuse rating: 0.5 Amperes

Battery

Type: Sealed lead-acid internal battery

Battery capacity: Typically 7 hours using
new, fully charged battery

Charge time: 8-12 hours

Environmental

Operating Temperature

Instrument: 5°C to 40°C

Transport/Storage Temperature
(in shipping carton): -20°C to 70°C

Operating Humidity: 15% to 95%
noncondensing

Operating Altitude: -1,280 ft to 12,000 ft

PHYSICAL CHARACTERISTICS

Weight

5.71b (2.6 kg)

Size

3.3 in H x 10.4 in W x 6.8 in D
(8.4 cm x 26.4 cm x 17.3 cm)

Equipment Classification

- IEC 60601-1
- CSA 601.1
- UL 2601-1
- EN/IEC 60601-1-2 (2nd ed.)
- EN865
- IPX1
- 150 9919

Emissions Compliance

EN55011, Group 1, Class B

Output

EIA-232 and RS-422 digital output
from serial port

Oxinet Communications Output Protocol
Nurse call capability

Analog output (0-1V); SpO₂, pulse rate
and plethysmographic waveform

Displays/Indicators

High quality LCD graphical screen.

Visual indicators: Pulse search, audible
alarms silenced or off, interference
indicator, low battery and battery
charging, battery fuel gauge, sensor off,
sensor disconnect, 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.

Audible sensor disconnect alarm and
sensor off alarm.

Displayed saturation and pulse
rate alarm limits.

Backup speaker with escalating
alarm tones.

Optional Accessories

GCX mounting options

Interface cables

Carrying cases

Adult specifications are shown for the Oxi Max MAX-A
and MAX-N sensors with the Oxi Max N-600x pulse oximeter.
Neonate specifications are shown for MAX-N sensors with the
Oxi Max N-600x 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 Oxi Max N-600x pulse oximeter
operators manual for complete description, instructions,
warnings, cautions and specifications. Specifications
are subject to change without notice.