



## NELLCOR® OXIMAX® **N-600™** PULSE OXIMETER

**PERFORMANCE YOU CAN TRUST.**

**NEW!**

**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% SpO<sub>2</sub>) when used with the *OxiMax N-600* pulse oximeter. This allows improved patient assessment at the more challenging lower saturation levels common in congenital heart disease (CHD) infants.

The *OxiMax® N-600™* pulse oximeter from Nellcor 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, including patient motion, the *OxiMax N-600* pulse oximeter achieves accurate, reliable readings during these difficult conditions. It also includes our unique *SatSeconds™* alarm management technology to safely reduce nuisance alarms that can interfere with staff productivity.

***OxiMax Sensor Advantage.*** The diverse family of Nellcor *OxiMax* sensors expand your monitoring capabilities. In addition to the *LoSat* expanded accuracy feature in *OxiMax* adhesive sensors, the *MAX-FAST®* forehead sensor offers a better option for monitoring patients with low perfusion, and *SoftCare™* nonadhesive sensors provide a gentle alternative for patients with fragile skin.

## OXIMAX N-600 PULSE OXIMETER

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



### EASY TO SEE, EASY TO USE

- Bright blue, backlit LCD screen for ease of viewing.
- One-touch contrast adjustment.
- Flip feet let you adjust the angle for improved tabletop viewing.
- Choose to view "big numbers" or the plethysmographic waveform.

### PATIENT SAFETY FEATURES

- Digital signal processing technology enhances performance during low perfusion and signal interference, including patient motion.
- Clinician-programmable *SatSeconds*™ alarm management function offers a safe, practical way to reduce nuisance alarms.
- Connect *OxiMax N-600* pulse oximeters to Nellcor's cost-effective remote oximetry alarm systems or nurse call systems for enhanced patient safety on general care floors.

- Convenient selection of adult or neonate alarm limits, and user-configurable power-on settings.
- Sensor Messages function provides troubleshooting tips for optimal sensor application.
- Sensor Event Report feature allows alarm event history to travel with the patient for quick assessment at various points of care.
- Variable pitch beep tone enables clinicians to hear point-by-point changes in SpO<sub>2</sub>.
- User-selectable fast-averaging mode (2–3 seconds) to more precisely track rapidly changing saturations.
- Onscreen viewing of 24-48 hours of SpO<sub>2</sub> and pulse rate trends taken at 2-4 second intervals; printing capability.
- Compatible with *Score*® analysis software for overnight oximetry studies.
- Compatible with Philips Vuelink device interface module, M1032A-A05.

## FEATURES AND SPECIFICATIONS

### PERFORMANCE

#### Measurement Range

SpO<sub>2</sub>: 1% to 100%  
Pulse rate: 20 to 250 beats per minute (bpm)  
Perfusion index: 0.03% to 20%

#### Accuracy

Saturation (% SpO<sub>2</sub> ± 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 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: Minimum of 2 hours using new,  
fully charged battery  
Charge time: 14-18 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

Adult specifications are shown for the *OxiMax* MAX-A and MAX-N sensors with the *OxiMax N-600* pulse oximeter. Neonate specifications are shown for MAX-N sensors with the *OxiMax N-600* 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-600* pulse oximeter operator's manual for complete description, instructions, warnings, cautions and specifications. Specifications are subject to change without notice.

### PHYSICAL CHARACTERISTICS

#### Weight

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

#### 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); SpO<sub>2</sub>, pulse rate and plethysmographic waveform

#### Displays/Indicators

High quality LCD graphical screen.

Plethysmographic waveform or magnified view ("big numbers" with pulse amplitude indicator).

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

#### Optional Accessories

- GCX mounting options
- Interface cables



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