Nellcor™
N-600x Pulse Oximeter
with OxiMax™ Technology
ExTREME PErfOrMaNcE dEfiNEd

The Nellcor™ N-600x pulse oximeter with OxiMax™ technology 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 Nellcor N-600x pulse oximeter with OxiMax technology achieves accurate, reliable readings during these difficult conditions.1 The Nellcor N-600x pulse oximeter includes our unique SatSeconds alarm management technology to safely reduce nuisance alarms that can interfere with staff productivity.4

EaSY TO SEE, EaSY TO USE

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

PaTiENT SafEty fEaTUrES

- Digital signal processing technology enhances performance during difficult conditions†
- SatSeconds alarm management function offers a safe, practical way to reduce nuisance alarms4
- Connect Nellcor N-600x pulse oximeters with OxiMax technology to the Covidien remote respiratory monitoring systems or nurse call systems for enhanced patient safety on general care floors

LoSat EXPANDED ACCURACY

The LoSat expanded accuracy feature of our Nellcor™ adhesive sensors ensures you of the industry’s widest accuracy range (60% to 100% SpO₂) when used with the Nellcor N-600x pulse oximeter with OxiMax technology.1,2 This feature allows improved patient assessment at challenging lower saturation levels common in infants with congenital heart disease (CHD).3

† The Nellcor N-600x pulse oximeter has the same signal processing technology as the Nellcor N-600 pulse oximeter.
NELLCOR™ N-600x PULSE OXIMETER WITH OXIMAX™ TECHNOLOGY

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

- 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 (two to three seconds) to more precisely track rapidly changing saturations
- On-screen viewing of 24 to 48 hours of downloadable SpO₂ and pulse rate trends taken at two to four second intervals; printing capability
- Compatible with Philips VueLink™* device interface module, M1032A-A05

NELLCOR SENSOR WITH OXIMAX TECHNOLOGY ADVANTAGE

The diverse family of Nellcor sensors expands your monitoring capabilities.

- The SpO₂ forehead sensor offers a better option for monitoring patients with low perfusion
- 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 range: 0.03% to 20%

ACCURACY¹

(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

Adult specifications are shown for the Nellcor™ MAX-A and MAX-N sensors with the Nellcor™ N-600x pulse oximeter. Neonate specifications are shown for MAX-N sensors with the Nellcor N-600x pulse oximeter. Saturation accuracy will vary by sensor type. Refer to Nellcor Sensor Accuracy Grid Card for details. The low perfusion specifications apply to monitor performance. Refer to the Nellcor N-600x pulse oximeter operator’s manual for complete description, instructions, warnings, cautions and specifications. Specifications are subject to change without notice.

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REFERENCES

1. FDA 510(k).