



The **Nellcor OxiMax N-600x** pulse oximeter is indicated for the continuous noninvasive monitoring of functional oxygen saturation of arterial hemoglobin (SpO₂) and pulse rate. The N-600x is intended for use with neonatal, pediatric, and adult patients who are well or poorly perfused, in hospitals, hospital-type facilities, intra-hospital transport, and home environments.

Features

- Simple, intuitive operation and easy-to-see display with dimmer and contrast adjustment.
- Compatible with the complete family of OxiMax Pulse Oximetry Sensors.
- Three display options: plethysmographic waveform, large numerics and customizable real-time trend.
- On-screen quick guide provides instant help to assist caregivers with monitor operation.
- Convenient selection of adult or neonate alarm limits, and user-configurable power-on settings.
- User-selectable fast-averaging mode (2-3 seconds) to more precisely track rapidly changing saturations.



Specifications

Dimensions

Height: 3.3 In (8.4 cm)
Width: 10.4 In (26.4 cm)
Depth: 6.8 In (17.3cm)
Weight: 5.8 lbs (2.6 kg)

Performance

Measurement Range

SpO₂: 1% to 100%
Pulse Rate: 20 to 250 beats per minute (bpm)
Perfusion Range: 0.03% to 20%

Accuracy Tolerance

Saturation

Adult: 70 to 100% ±2 digits
Neonate: 70 to 100% ±3 digits
Low Perfusion: 70 to 100% ±2 digits

Pulse Rate

Adult and Neonate: 20 to 250 bpm ±3 digits
Low Perfusion: 20 to 250 bpm ±3 digits

Power

Power Requirements: Rated at 100 to 120 volts AC (nominal 120 VAC) or 220 to 240 volts AC (nominal 230 VAC), 20 volt/amps to be compliant with IEC 60601-1 sub-clause 10.2.2.

Fuses Quantity: 2, 0.5 A, 250 volts, slow-blow, IEC (5 x 20 mm).

Battery

Type: Lead acid

Voltage: 6 Volts DC

Recharge:

8 hours with N-600x turned off
12 hours with N-600x turned on

Shelf Life:

4 months, new fully-charged battery (when monitor is placed in "Shelf-mode" by qualified service personnel using the procedures indicated in the N-600x Service Manual)

After 4 months storage in "Shelfmode", the N-600x will run for 33% of stated battery life

