

Nellcor N-395

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The N-395 is a portable pulse oximeter intended for use as a continuous non-invasive monitor of functional oxygen saturation of arterial hemoglobin (SpO₂) and pulse rate. It is intended for adult, pediatric, and neonatal patients. The N-395 is designed for hospitals, outpatient centers, intra-hospital transport, and home care. Hospital use typically covers such areas as general care floors, operating rooms, special procedure areas, intensive and critical care areas, surgicenters, sub-acute centers, special nursing facilities, sleep labs, and more.

Specifications

Measurement Range

SpO₂: 1 – 100%

Pulse Rate: 20 to 250 beats per minute (bpm)

Accuracy

- Saturation (%SpO₂) \pm 1SD)
 - Without MotionAdults: 70 – 100% \pm 2digitsNeonates: 70 – 100% \pm 3digits1-69% unspecified
 - With MotionAdults & Neonates: 70-100% \pm 3digits1-69% unspecified
- Pulse Rate
 - Without Motion: 20-250 \pm 3digits
 - With Motion: Normal physiologic range (e.g., 55-125bpm) \pm 5digits

Other Product Features

- Simple, intuitive operation and easy-to-see display.
- Compatible with the complete family of OxiMax Pulse Oximetry Sensors .

- Ideal for any clinical environment—monitors neonates through adults.
- Convenient selection of adult or neonate alarm limits, and user-configurable power-on settings.
- Works with the Oxinet III Central Station and Paging System to provide an easy-to-use, cost-effective monitoring solution for the General Care Floor.
- Compatible with Nellcor's Score Analysis Software for overnight oximetry studies.
- User-selectable fast-averaging mode (2-3 seconds) to more precisely track rapidly changing saturations.
- On-screen viewing of 48 hours of SpO₂ and pulse rate trends taken at 4-second intervals; printing capability.
- Variable pitch beep tone enables clinicians to hear changes in SpO₂.
- Interfaces with certain multiparameter monitors; real-time patient information and true physiologic waveforms are displayed on host system.