



We Serve, You Cure

**AMS** Solutions Inc.



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# AMS Solutions Inc.

*Your Respiratory Partner*

## NELLCOR N-395



The N-395 is intended for use as a continuous non-invasive monitor of functional oxygen saturation of arterial hemoglobin (SpO<sub>2</sub>) and pulse rate. It is intended for adult, pediatric and neonatal patients. Hospital use typically covers areas such as general care floors, operating rooms, special procedure areas, intensive and critical care areas, surgicenters, sub-acute centers, special nursing facilities, and sleep labs.

### Battery — Technical Information

- ▶ **Battery Capacity:** A minimum of 2 hours with a new fully charged battery under the following conditions: no alarms, and no analog or serial output devices attached. A completely discharged battery can be fully recharged in approximately 14 hours while unit is turned off or 18 hours while turned on.
- ▶ **Charge/discharge cycles:** At least 400
- ▶ **Sensor:** The wavelength range of the light emitted is within the range of 250 nm to 1,000 nm with the energy not exceeding 10mw.

## A QUICK LOOK

### Measurement Range:

SpO<sub>2</sub>: 1 – 100%

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

### Accuracy

Saturation (%SpO<sub>2</sub>) +/-1SD)

#### Without Motion

Adults: 70 – 100% +/- 2 digits

Neonates: 70 – 100% +/- 3 digits

1 – 69% unspecified

#### With Motion

Adults & Neonates: 70 – 100% +/- 3 digits

1 – 69% unspecified

### Pulse Rate

- Without Motion: 20 – 250 +/- 3 digits
- With Motion: Normal physiologic range (e.g., 55 – 125 bpm) +/- 5 digits

### Electrical

#### Instrument

- Power Requirements: 100 – 120 VAC, 200 – 240 VAC, 50/60 Hz, 20 VA switch selectable
- Fuses: 2 qty, 0.5 A, 250 volts, slow-blow, IEC (5x20 mm)

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