



The **Covidien Nellcor PM100N** is a Patient Monitor with SpO<sub>2</sub> and pulse rate monitoring features. The system can be used in a hospital setting as well as non-hospital settings, home care, and sleep studies. The Nellcor PM100N has the latest Nellcor technology system, allowing for more accurate and reliable readings. The system can hold up to 96 hours of trending data in the memory. Additionally the Nellcor PM100N system comes standard with a SatSecond alarm management system, to help distinguish between meaningful alarms and transient events.

## Features

- Displays plethysmographic waveforms, pulse amplitude and real-time SpO<sub>2</sub> and pulse rate data
- 96-hour trend memory with data captured every four seconds for quick review of changes in patient status
- Includes SatSeconds™ alarm management, a clinician-controlled feature that has been proven to reduce nuisance alarms<sup>3</sup>
- Password protected homecare and sleep study modes



# Specifications

## Dimensions

**Weight:** 1.5 kg (3 lbs)

**Size:** 82 H x 255 W x 155 D (mm), (3.23 H x 10.04 W x 6.10 D (in))

## Operating Temperature

**Instrument:** 5 °C to 40 °C (41 °F to 104 °F)

**Transport/Storage Temperature (in shipping carton):** -20 °C to 60 °C (-4 °F to 140 °F)

## Operating Humidity

15% to 93% noncondensing

## Operating Altitude

-170 m to 4877 m (-557 ft to 16,000 ft)

## Battery

**Type:** Lithium ion

**Battery Capacity:** Minimum of five hours using new, fully charged battery with no alarms; optional 10-hour battery

## Electrical

### Instrument

Power requirements: 100 to 240 VAC, 50/60 Hz, 45 VA

Fuse Rating: Fast-acting 2 A 32VAC/DC, Fast-acting 500 mA 32VAC/50DC

## Saturation

**Adult:** 70% to 100% ± 2 digits

**Adult and Neonate:** low sat 60% to 80% ± 3 digits

**Neonate:** 70% to 100% ± 2 digits

**Low Perfusion:** 70% to 100% ± 2 digits

**Adult and Neonate with Motion:** 70% to 100% ± 4 digits

## Pulse Rate

**Adult and Neonate:** 20 to 250 bpm ± 3 digits

**Low Perfusion:** 20 to 250 bpm ± 3 digits

**Adult and Neonate with Motion:** 20 to 250 bpm ± 5 digits

## Performance

**Measurement Range SpO<sub>2</sub>:** 1% to 100%

**Pulse rate:** 20 to 250 beats per minute (bpm)

**Pulse amplitude:** 0.03% to 20%

