



The **Covidien Nellcor PM10N** is a hand-held pulse oximeter, making it easy to use for spot-checking and continuous monitoring in a variety of healthcare settings. The PM10N system has a 3 inch color LCD display making it easy to read and deliver accurate and reliable SpO₂ and pulse rate measurements. Additionally, the Nellcor MP10N comes with an alarm system that allows you to adjust the limits for high and low SpO₂, high and low pulse rate, and SatSeconds. The System can be used on patients ranging from neonates to adults.

Features

- Small, lightweight, ergonomic handheld monitor for continuous and spot-check pulse oximetry monitoring
- Supports a robust data set, including real-time SpO₂ and PR values, SatSeconds alarm management, pleth waveform, blip bar and tabular trend data
- Supports standard and home-care modes for use in hospital, hospital-type facilities, transport, mobile environments and home-care environments
- Supports Sleep Study Mode, which enables the clinician to dim the LCD display and silence alarms to prevent disruption of patients' sleep
- Nellcor™ advanced signal processing technology delivers reliable operation even in difficult monitoring conditions
- LoSat expanded accuracy range (60% to 100% SpO₂) when used with Nellcor adhesive sensors with OxiMax technology
- Compatible with the complete line of Nellcor single-patient-use, reusable and specialty sensors with OxiMax technology
- 80 hours of data storage capability
- Supports data export to an external personal computer for data analysis and printing functions



Specifications

Dimensions

Size: 2.76 W x 6.14 H x 1.26 D inches (70 x 156 x 32 mm)

Weight (w/ Batteries): 0.604 lbs (274 g)

Performance

SpO2 Saturation Range: 1% - 100%

Heart (Pulse) Rate Range: 20 - 250 bpm

Perfusion Range: 0.03% to 20%

Display Sweep Speed: 6.25 mm/sec

Memory: Saves total of 80 hours data events; Date, Time, Alarm Conditions, Pulse Rate and SpO2 measurements

Measurement Accuracy:

Saturation

Adult: 70% to 100% \pm 2 digits

Adult and Neonate Low Sat: 60 to 80% \pm 3 digits

Neonate: 70 to 100% \pm 2 digits

Low Perfusion: 70 to 100% \pm 2 digits

Adult and Neonate with Motion: 70 to 100% \pm 3 digits

Pulse Rate

Adult and Neonate: 20 to 250 bpm \pm 3 digits

Low Perfusion: 20 to 250 bpm \pm 3 digits

Adult and Neonate with Motion: 20 to 250 bpm \pm 5 digits

Physical Characteristics

Display Screen Size: 3.5 in (88.9 mm) measured diagonally

Display Screen Type: TFT LCD, white LED backlight, viewing cone of 60° and optimal viewing distance of 1 meter

Display Resolution: 320 x 480 pixels

Display: Oxygen saturation, pulse rate, perfusion

Indicators: Pulse amplitude, pulse search, low battery, alarm silence, interference, data in sensor, sensor disconnect, print.

Alarm

Categories: Patient Status and System Status

Priorities: Low, Medium and High

Notifications: Audible and Visual

Setting: Default, Institutional and Last Setting

Alarm Volume Level: 49 to 89 dB

Alarm System Delay: <10s

Power Characteristics:

Battery: 4 x Type Lithium AA 1.5V or rechargeable batteries

Operation Time: Typically 20 hours with no external communication, no audible alarm sound and an ambient temperature of 25° C