Nellcor™ Pulse Oximeters
with OxiMax™ Technology from Covidien

Nellcor™ N-600x pulse oximeter
Nellcor™ N-560 pulse oximeter
Nellcor™ N-65 hand-held pulse oximeter
Nellcor™ N-85 hand-held capnograph/pulse oximeter
Continuous Monitoring for Every Area of Care

Your patients come through your doors in a range of conditions. To stay ahead of potential complications, you need accurate, reliable continuous monitoring devices to help you ensure appropriate oxygen delivery throughout the cardiorespiratory cycle. From the NICU and ICU to the OR and general care floor, Nellcor™ pulse oximeters with OxiMax™ technology and OEM solutions from Covidien use cardiac-based signal processing and alarm management technologies to deliver accurate, reliable $\text{SpO}_2$ and pulse rate readings.¹

With continuous pulse oximetry from Covidien, you and your clinicians can:

- Obtain accurate readings, even during low perfusion and most types of signal interference.¹
- Oversee a wide range of patients, from neonates to adults, including those who require long-term monitoring.
- Improve the clinical relevance of the more challenging alarms and easily distinguish between minor transient events and clinically significant desaturation.¹
- Accurately track $\text{SpO}_2$ in low-saturation conditions with the LoSat expanded accuracy feature.³
- Perform quick spot-checks or continuously monitor patients in any location.
- Have confidence in the accuracy resulting from the combination of Nellcor™ monitors with OxiMax technology and the extensive portfolio of Nellcor™ sensors.¹

You live and breathe excellence in cardiorespiratory care. So do we.
Alarm Management for Patient Safety and Organizational Efficiency

Nuisance alarms are a common concern that can lead to inefficient use of staff, or worse, alarm desensitization. That's why the SatSeconds alarm management feature allows clinicians to select an alarm limit to distinguish minor transient events from clinically significant desaturation. And with the new Alarm Management System for the Nellcor™ N-600x pulse oximeter, the new SPD alert feature identifies patterns of desaturations indicative of repetitive reductions in airflow in adults, which can help warn clinicians of developing issues before they become pulmonary emergencies.¹
BEDSIDE MONITORS THAT STAND UP TO YOUR CHALLENGES

The Nellcor™ N-600x and N-560 pulse oximeters with OxiMax™ technology offer leading-edge signal processing and accurate, reliable performance even in challenging patient conditions.¹

Both offer:

- The SatSeconds alarm management feature, which helps clinicians safely distinguish between minor transient events and clinically significant changes in desaturation.¹
- The LoSat expanded accuracy feature, which allows clinicians to monitor a wide range of patient types with greater accuracy—even at saturation levels as low as 60%.³
- Instant compatibility with the comprehensive portfolio of Nellcor™ sensors, including SpO₂ forehead sensors for patients with low perfusion and nonadhesive sensors for patients with delicate skin.⁴
Our Flagship Bedside Monitor

The Nellcor™ N-600x monitor with OxiMax™ technology offers a full featured display, allowing clinicians quick access to accurate information. Display features include:

- General Care Floor Format View and Trend View.
- The option of viewing plethysmographic waveforms, large numerics or customizable real-time trends.
- Access to the new SPD alert feature (when used in conjunction with the new Alarm Management System), which identifies patterns of desaturation indicative of repetitive reductions in airflow in adults.¹

**DESIGNED FOR EASE OF USE**

One of the best ways you can help ensure the best possible outcomes for your patients is to simplify the use of devices to minimize confusion. The Nellcor N-600x and N-560 pulse oximeters were built with this in mind, with features that include:

- On-screen quick guides for nearly instantaneous help, which increases staff efficiency by assisting with monitor operation, minimizing potential confusion.
- A preprogrammed range of alarm limits from which clinicians can conveniently make selections for patients, ranging from neonates to adults, and can easily configure power-on settings.

Why sensor-based calibration?

Traditionally, one calibration curve or a limited set of curves is programmed within the monitor. With OxiMax technology, the calibration is in the sensor, giving you the ability to take advantage of new sensor designs without always upgrading the monitor.
Hand-Held Monitors for Portable Performance

The Nellcor™ N-65 hand-held pulse oximeter with OxiMax™ technology brings our powerful signal processing to a small, easy-to-use, portable monitor. With this hand-held monitor, your staff can:

- Effectively monitor a broad range of patients in situations and locations where bedside monitors don't fit their needs.
- Have access to the complete portfolio of Nellcor™ sensors.
- Provide continuous, easy-to-use monitoring to any patient, anywhere it's needed, with extended battery life.

Combining Nellcor™ Pulse Oximetry with Capnography

The Nellcor™ N-85 hand-held capnograph and pulse oximeter combines the proven reliability of Microstream® CO₂ technology with the power of OxiMax pulse oximetry technology, all in a light, portable monitor. Using advanced signal processing, the combination allows this monitor to read end-tidal CO₂ (EtCO₂), SpO₂ and pulse rates—even under difficult patient conditions. Clinicians can detect potential oxygenation problems early, with the portability to effectively monitor a wide range of conditions and patient populations.
Nellcor™ Pulse Oximeters from Covidien Help You and Your Staff...

Obtain accurate readings from a wide range of patients with:

- Full compatibility with the full portfolio of Nellcor™ sensors.
- Powerful signal processing.

Reduce nuisance alarms and increase the relevance of clinically significant alarms with:

- The SPD alert feature, which identifies patterns of desaturation indicative of repetitive reductions in airflow in adults.¹
- The SatSeconds feature, which allows you to select alarm limits to manage minor transient events.

Continuously monitor patients when and where you need with:

- Hand-held monitors that offer ease of use and portability.
- Nellcor™ pulse oximetry integrated into multiparameter monitor (MPM) solutions of more than 70 OEMs worldwide.

CONTINUOUS MONITORING, CONTINUOUS PARTNERSHIP

At Covidien, we’re dedicated to providing accuracy, reliability and a broad range of monitoring options to our healthcare partners. Our Nellcor™ pulse oximetry with OxiMax™ technology system works together seamlessly to provide accurate SpO₂ readings for a wide range patient types, with options for every organization’s budget. And we offer unparalleled service and education, such as in-service training and continuing education, because we believe our partnership extends far beyond the sale.

Call us at (800) NELLCOR or visit www.respiratorysolutions.covidien.com to learn more about the Nellcor™ bedside and hand-held pulse oximeters and how they can help you and your staff ensure appropriate oxygenation throughout the cardiorespiratory cycle.
References
1. FDA 510(k).