

Masimo Telehealth Solutions

Take care of your loved ones at home with hospital-quality care



Continuous monitoring with advanced connectivity for telehealth enhances patient safety and facilitates more coordinated care.

- > Hospital-grade Pulse CO-Oximetry and vital signs monitoring
- > Built-in cameras, facilitating one- and two-way patient-physician communication
- > Advanced connectivity for supplemental remote monitoring and electronic medical record (EMR) integration
- > Intuitive point-of-care devices for seamless implementation in patient homes



Hospital-grade Noninvasive Monitoring

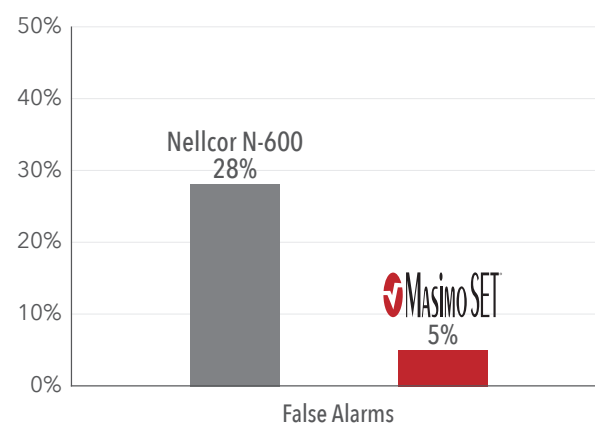
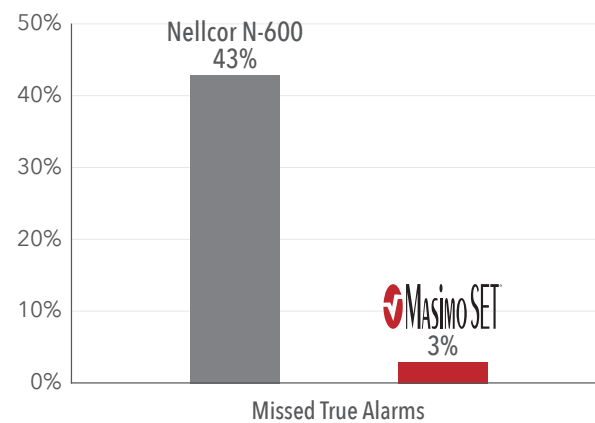
Masimo is an industry leader in patient monitoring, with a track record of innovative, award-winning technology designed for use across the continuum of care.

Masimo SET® Measure-through Motion and Low Perfusion™ Pulse Oximetry

Masimo SET® was designed with advanced signal processing to overcome the limitations of conventional pulse oximetry by maintaining reliability in the presence of motion and low perfusion. Today, we believe that Masimo SET® helps clinicians monitor in excess of approximately 150 million patients in healthcare settings around the world¹, and is the **primary pulse oximetry technology at 9 of the top 10 hospitals** listed in the 2019-2020 *U.S. News & World Report* Best Hospitals Honor Roll.²



In a study comparing the ability of three pulse oximetry technologies to detect hypoxic events, Masimo SET® pulse oximetry demonstrated the highest sensitivity and specificity during induced conditions of motion and low perfusion – which resulted in 3% missed true alarms and 5% false alarms, versus 43% and 28%, respectively, using competitor technology.³



*Masimo SET® Measure-through Motion technology includes SpO2 and PR.

Upgradeable rainbow SET® Pulse CO-Oximetry

Masimo rainbow® technology leverages additional wavelengths of light to automate patient care through a suite of noninvasive and continuous measurements for total hemoglobin, dyshemoglobins, and other physiologic parameters that previously went unassessed or could only be measured invasively and intermittently.



NomoLine® Capnography

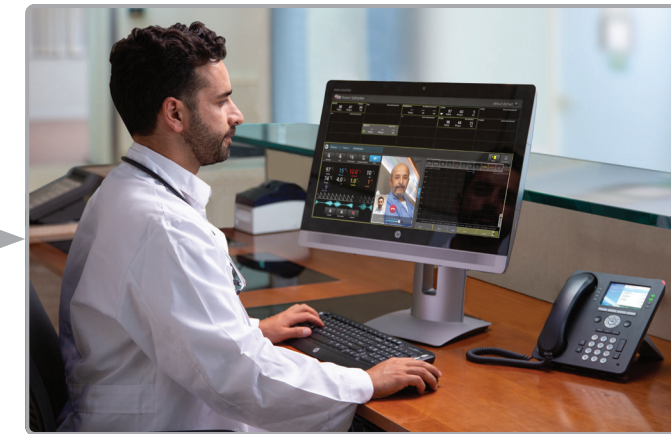
NomoLine technology eliminates common problems associated with conventional sidestream gas analysis. Incorporating a unique, patented polymer, NomoLine allows water in the sampling line to evaporate into the surrounding air, while leaving oxygen, carbon dioxide, and anesthetic gases unaffected, eliminating the need for a water trap and issues related to their handling.



Integrated Hospital-grade Monitoring Technologies

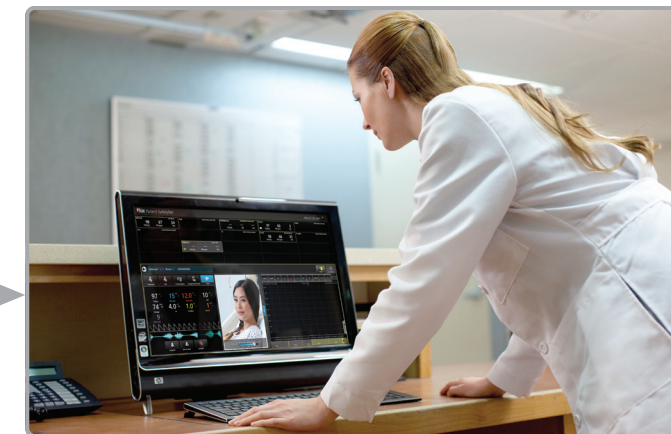


Interoperability with Third-party Devices



Supplemental Remote Monitoring

Monitor patient data from up to 200 at-home point-of-care devices on a supplemental remote view station or smart device.



Virtual Visits

A built-in high-definition camera enables two-way communication directly from the Masimo point-of-care device to a central view station, allowing clinicians to provide on-demand care and support from a remote location.



Electronic Medical Record (EMR) Integration

Patient SafetyNet interfaces with EMR systems using HL7, with full HIPAA compliance, for automated documentation of patient data.

Seamless Integration of Hospital and Home

Rad-97 provides hospital-grade noninvasive and continuous monitoring in the home. It can serve as a wireless connectivity hub for multiple third-party peripheral devices and connect securely to Masimo Patient SafetyNet[™] for automated data transfer, remote monitoring, clinician notification, and live video conferencing. With Rad-97, a single device becomes a complete, integrated home care solution.

Customizable Home Monitoring Solutions

Versatile, Expandable Monitoring in a Single, Integrated Device

The Rad-97 Pulse CO-Oximeter is a standalone bedside patient monitor with advanced connectivity technologies that provides noninvasive and continuous monitoring in a compact, portable, and highly configurable device.

Rad-97 is also available with integrated noninvasive blood pressure or integrated NomoLine capnography.



Rad-97 Pulse CO-Oximeter
Versatile, upgradeable Pulse CO-Oximetry platform with advanced connectivity solutions, easy to use for clinicians and non-clinicians alike.



Rad-97 with Noninvasive Blood Pressure
Integrated noninvasive blood pressure enables hospital-grade Pulse CO-Oximetry and vital signs monitoring in the home.

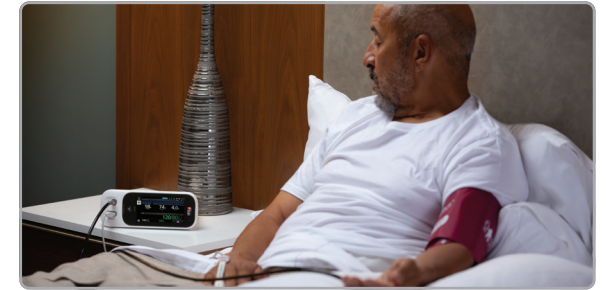


Rad-97 with NomoLine Capnography
Integrated capnography and acoustic respiration rate (RRa) gives clinicians the flexibility to choose the most applicable respiration monitoring method for each patient case.

A Solution for Chronic Care in the Comfort of Your Home

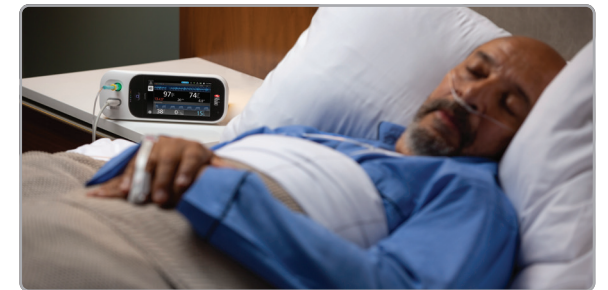
Patients managing chronic disease, such as Congestive Heart Failure (CHF) or Chronic Obstructive Pulmonary Disorder (COPD), can benefit from increased monitoring for improved quality of life.

Monitoring oxygenation and blood pressure can assist in medication and disease management.



A Solution to Preventing Deaths From Opioids

Continuous monitoring with Measure-through Motion and Low Perfusion SET[®] pulse oximetry, coupled with remote monitoring and notification, has been shown to reduce opioid overdose deaths, rapid response team activations, and ICU transfers.^{4,5}



Advanced Communication Capabilities for Virtual Consultation and Surveillance

Rad-97's built-in connectivity includes a camera which enables direct, secure, high-resolution video and audio feeds between the bedside and remote Patient SafetyNet view stations.



A high-resolution camera, integrated directly into the point-of-care device, eliminates the need to purchase additional modules or infrastructure.



Configurable screens allow care providers to view the most pertinent number of patients, clinical measurements, and level of detail.



Home Mode Simplifies Patient-Device Interaction

Home Mode on Rad-97 provides home users access only to relevant settings and messages, while hiding others and locking alarm settings, minimizing the chances of inadvertent interference.



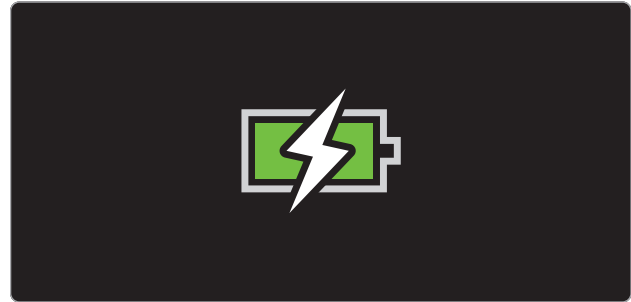
Audible alarms set at the maximum volume.



Locked settings minimize inadvertent interference with device settings.

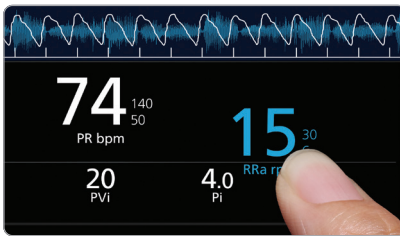


Screen dimming for enhanced patient comfort.

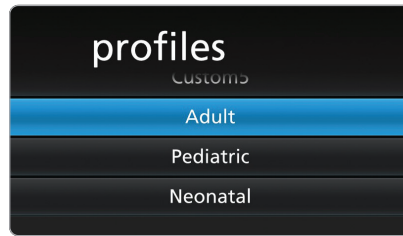


Rechargeable battery with up to 4 hours of battery life.

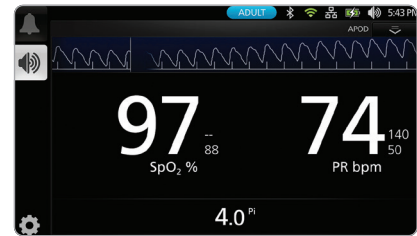
Easy to Use for Clinicians and Non-clinicians Alike



Customizable display allows quick assessment of patient status and provides pertinent data at a glance.



Configurable patient profile settings for a variety of patient populations.



Intuitive and easy-to-use Home Mode simplifies at-home use and prevents visual and audible distraction, promoting patient self-management.

¹ Estimate: Masimo data on file. ² <https://health.usnews.com/health-care/best-hospitals/articles/best-hospitals-honor-roll-and-overview> ³ Shah N et al. *J Clin Anesth.* 2012 Aug;24(5):385-91. Results shown are calculated by combining sensitivity and specificity outcomes of machine-generated and volunteer-generated motion. ⁴ <http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1932627>. ⁵ <https://www.ncbi.nlm.nih.gov/pubmed/27301832>.

Rad-97 NIBP and Rad-97 NomoLine are not licensed for sale in Canada.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

Masimo U.S.
Tel: 1 877 4 Masimo
info-america@masimo.com

Masimo International
Tel: +41 32 720 1111
info-international@masimo.com

