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## Masimo Announces CE Marking of Rad-97™ Pulse CO-Oximeter® & Connectivity Hub



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### *Masimo Rad-97™ Pulse CO-Oximeter® and Connectivity Hub with Noninvasive Blood Pressure*

[Masimo](#) has announced the CE marking of noninvasive blood pressure (NIBP) measurements for the Rad-97™ Pulse CO-Oximeter® and connectivity hub. Rad-97 offers Measure-through Motion and Low Perfusion™ SET® pulse oximetry and upgradeable rainbow® noninvasive blood constituent monitoring technology in a compact standalone monitor configuration which can also collect and remotely transmit data from connected devices.

Rad-97 with NIBP enables clinicians to measure arterial blood pressure for adult, pediatric, and neonatal patients, with three measurement modes: spot-check, automatic interval (which measures blood pressure routinely, at a desired interval), and stat interval (which continually measures blood pressure for a desired duration). An integrated port allows clinicians to connect a blood pressure cuff inflation hose directly to Rad-97, and is compatible with both disposable and reusable cuffs, for a variety of patient types, designed for reliability and patient comfort.

With the addition of NIBP to Rad-97, clinicians can easily and automatically chart blood pressure data directly from the same monitoring device that measures oxygen saturation, total hemoglobin, and other noninvasive parameters. In hospital settings and when used in conjunction with Masimo Iris Gateway™ or Patient SafetyNet™\*, data from Rad-97 and other devices connected via the Iris™ hub can be sent directly to the patient's electronic medical record (EMR). With Patient SafetyNet, alarms and alerts from connected devices are seamlessly forwarded to clinicians.

Rad-97 includes built-in wireless connectivity, via Wi-Fi and Bluetooth®. Using Bluetooth or a wired USB connection, Rad-97 can connect to nearby devices, such as glucometers and weight scales, and can allow the data from the connected device to be transmitted remotely. Rad-97 will be available for use on home and enterprise networks to connect to remote monitoring systems, including Patient SafetyNet. Additional devices can be simultaneously attached to Rad-97 using the Iris hub.

Rad-97 features a high-resolution, 1080p HD color display with user-friendly multi-touch navigation, allowing clinicians to easily customize the device to best suit their monitoring and viewing needs. Users can also rapidly configure the device to accommodate different patient populations using customizable profiles. A rechargeable battery lasting seven hours allows Rad-97 to be used in situations where portability or extended operation without access to power are needed. An optional roll stand allows for tetherless device transport, offering additional flexibility when space is limited.

Rad-97 will also be available with an optional camera, which can be used in conjunction with Masimo Patient SafetyNet. The camera will provide a high resolution, high-frame rate video feed, as well as audio, to the Patient SafetyNet view-station. When used at home, camera-equipped Rad-97 will allow patients and clinicians to interact remotely, making it well-suited as a point-of-care device for potential telehealth applications.

Like Radical-7®, Rad-97 features Measure-through Motion and Low Perfusion pulse oximetry (SpO2), pulse rate (PR), and perfusion index (PI). Clinicians can add other monitoring solutions such as the rainbow SET™ measurements PVi®, total hemoglobin (SpHb®), methemoglobin (SpMet®), acoustic respiration rate (RRa®), carboxyhemoglobin (SpCO®), and oxygen content (SpOC™). Additional parameters such as Oxygen Reserve Index™ (ORi™) and respiration rate from the pleth (RRp™) are also available, making Rad-97 the smallest Masimo bedside device currently capable of monitoring the full rainbow SET platform.

“Rad-97 brings our core SET® and rainbow® technologies to a compact design, which allows broader applications in many new settings, including the home, with its hub and telepresence capabilities,” said Joe Kiani, Founder and CEO of Masimo. “We’re excited to extend its range of possibilities with the addition of integrated blood pressure measurement.”

Rad-97 is not available in the United States.

*\*The use of the trademark Patient SafetyNet is under license from University HealthSystem Consortium.*

**Source & Image Credit:** [Masimo](#)

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