

MightySat™

Better Data = Better Health™

Better Data = Better Performance™



OXYGEN SATURATION (SpO₂)



PULSE RATE (PR)



PERFUSION INDEX (Pi)



RESPIRATION RATE (RRp™)



PLETH VARIABILITY INDEX (PVi®)



Fingertip pulse oximeter for general wellness and health applications, including sports, fitness, and relaxation management.



What Better Data Means to You

> **Accurate oxygen saturation and pulse rate when you need it most**

- With the leading hospital-grade technology – Masimo SET®

> **Breakthrough measurements that are not available on other health and wellness devices**

- Respiration rate and pleth variability index – to help you assess changes in breathing rate, breathing effort, hydration, or other factors

> **Free Masimo Personal Health app for your smart device**

- Enables trending, sharing, and integration of your data with Apple Health and TrainingPeaks

MightySat is ideal for people who know they want a fingertip pulse oximeter and want the best available technology. MightySat is also for people who want to improve their health, wellness, or fitness by providing key measurements that are more accurate and not available on other health and wellness devices.

How to Use MightySat

Listen to your body by quickly and accurately measuring key parameters in the morning, after exercise, or anytime you want to know what your body is telling you

Learn from your body by tracking and trending your data in the Masimo Personal Health App

Live at your best by making adjustments in exercise, diet, or rest/relaxation

From the Leader in Hospital Pulse Oximetry

Masimo is the leading brand of hospital pulse oximeters¹ because they provide accurate measurements when other pulse oximeters fail by using revolutionary Signal Extraction Technology® (SET®). **Masimo SET®** uses five parallel signal processing engines that measure through challenging conditions, including movement and low blood flow. With **MightySat**, the same high-performing Masimo SET® technology is now available for general wellness and health applications.



Taylor Fritz | Professional Tennis Player on the ATP Tour

Accurate When You Need it Most

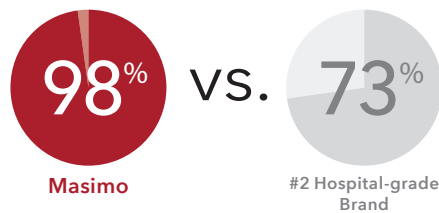
The Leading Hospital-grade Technology

Masimo pulse oximeters are the leading brand in hospitals because of SET®, which provides accurate measurements when other hospital-grade pulse oximeters fail – during movement and low blood flow.



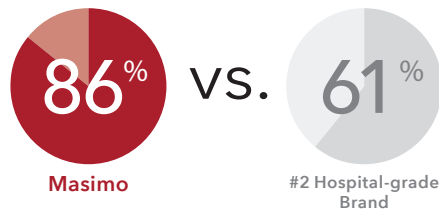
SpO₂ Oxygen level in the blood to indicate changes due to heart or lung function, oxygen use by your body, or altitude.

Performance Index of Oxygen Saturation During Movement and Low Blood Flow*²



PR Number of heart pulses per minute to indicate overall fitness or exertion levels at any time.

Performance Index of Pulse Rate During Movement and Low Blood Flow*²



Pi Strength of blood flow to the finger to indicate changes in blood circulation.

Breakthrough Measurements Available on MightySat

MightySat gives you a more complete picture than the limited data available from other health and wellness devices.

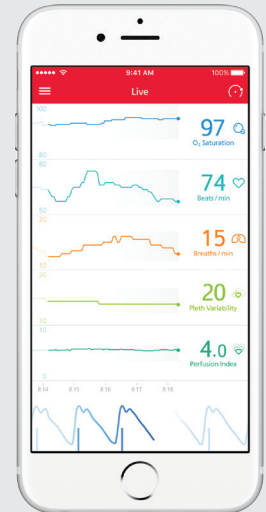
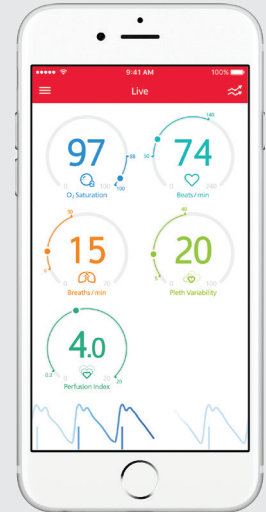


RRp Number of breaths per minute to indicate how well your heart and lungs are functioning or how quickly you recover after exercise.



PVi Variation in perfusion index over your breathing cycle, which may indicate changes in hydration, breathing effort, perfusion, or other factors.**³⁻⁵

Do More with Your Data by Downloading the Free App***



Display, track, and trend data on compatible devices through the Masimo Personal Health App

Alert you when data is out of target range

Share data through email and social media

Automatically store data in Apple Health or TrainingPeaks

*Compatible with select iOS and Android devices.
iPhone not included.*

Designed for Performance

High Resolution Display

Rotating and adjustable color screen for clear display of all measurements

Plethysmographic Waveform

Masimo SET® provides accurate depiction of the user's pleth

Touchpad

Allows for easy access of settings and device features



Bluetooth LE®

Wireless interface to the Masimo Personal Health App

Signal I.Q.® (SIQ)

An indicator of measurement confidence

High Quality Materials

Durable, lightweight design backed by a two-year warranty



Flexible Pad

Easily conforms to finger shape for enhanced comfort

Unmatched Features

	MightySat	Others
The leading hospital-grade technology for measuring SpO2 and pulse rate	✓	✗
Breakthrough measurements for measuring changes in breathing rate, breathing effort, hydration, or other factors	✓	✗
Free app for your smart device that enables trending, sharing, and integration of your data	✓	?

Models

Part Number	Product Name / Region
9900	MightySat / North America
9901	MightySat / Outside North America

For technical specifications of the MightySat, go to www.MasimoPersonalHealth.com

¹ iData Research U.S. Market for Patient Monitoring Equipment 2014. ² Shah N et al. J Clin Anesth. 2012;24(50):385-91. ³ Schooljans A et al. Acta Anaesth Belg. 2010 (61), 147-150.

⁴ Mathews D et al. ASA 2014. A1124. ⁵ Perel A. Anesth Analg. 2014 Dec;119(6):1288-92.

* Testing was conducted on 10 healthy volunteers with machine and volunteer-generated hand motion. Measurements from both technologies were compared to reference measurements from a stationary hand. Performance indexes were calculated for both oxygen saturation (defined as the duration of time within 7% of reference) and pulse rate (defined as the duration of time within 10% of reference). The percentages shown were calculated by averaging the performance indexes for machine- and volunteer-generated hand motions.

** It is suggested to measure PVI in the same body position, remaining still and without talking, at the same breathing rate and depth of breathing, until you see a high confidence PVI value (displayed value is bright, not dim). An increase in PVI may indicate a decreased level of hydration, increased breathing effort, or other factors. A decrease in PVI may indicate an increased level of hydration, decreased breathing effort, or other factors. Multiple factors other than hydration and breathing effort can affect PVI, including breathing rate, depth of breathing, body position, body movement, vascular tone, blood flow to the finger (perfusion index), normal variation within a short-term monitoring session, waveform shape changes, and/or cardiovascular abnormalities.

*** The app is downloadable from the App Store™ for iOS devices or Google Play™ store for select Android devices. For an up-to-date list of compatible smart devices, see www.MasimoPersonalHealth.com.

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For general wellness and health applications, including sports, fitness, and relaxation management.

Not intended to be used in the prevention, diagnosis, or treatment of any disease.

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