

Direct

Affordable Recording
Pulse Oximeter

The Micro Direct PulseOx 7500 Wristwatch Recording System offers the features of a conventional oximeter in a compact, user-friendly wrist-based configuration. The SPO7500 accurately measures blood oxygen saturation levels and heart pulse rate. Readings are displayed and stored (up to 80 hours) within a wristwatch unit that sits comfortably on the patient's wrist for maximum convenience and flexibility.

The SPO7500 pulse oximeter is the world's first monitor for extended monitoring of blood oxygen saturation and heart rate to use reflectance pulse oximetry (RPO).

The SPO7500 pulse oximeter monitors while you sleep. About 25% of the population suffers from sleep related problems. Sleep apnea is a dangerous phenomenon that can cause heart disease, erection problems, behavior problems, brain damage, etc.

The SPO7500 pulse oximeter is designed for your protection, it will monitor your oxygen saturation during your sleep and you will be able to see the results on your PC in the morning. Mostly, people are going to monitor their sleep themselves. No longer just in sleep-labs, the SPO7500 provides a way to do it in the patient's home and bed.

The SPO7500 pulse oximeter incorporates SPO Medical's unique reflectance technology in ambulatory and sleep-related applications. It has been designed for maximum user comfort and ease-of-use.

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Features

- Easy to use
- Long-last battery
- Ideal for home sleep studies and asthma monitoring
- Nail polish tolerant
- Two button operation
- Robust and attractive design
- Accurate and fast measurements

Specifications

Effective measuring range

Saturation	40 to 99%
Heart pulse rate	40 to 250 bpm
Resolution	1 digit

Accuracy (including motion artifacts and low perfusion)

Saturation (70-99%)	+/-2% or +/- 2 digits
Heart pulse rate	+/-3% or +/- 3 digits

Display

Saturation	2 characters
Heart pulse rate	3 characters
Signal indications	'Sensor Off' and 'Weak Signal' Flashing heart icon
Battery indication	Full power, 1/3 and near empty

Mechanical

Dimensions	2.68" x 1.65" x 0.87"
Weight	2 ounces including battery

Environmental

Battery Life	300 Hours
Operating temperature	39 to 107 degrees Fahrenheit
Humidity	Up to 95% noncondensing