

Affordable Digital Finger Pulse Oximeter

The Micro Direct PulseOx 5500 digital finger pulse oximeter offers the features of a conventional oximeter in a compact, user-friendly, portable configuration. The PulseOx 5500 accurately measures blood oxygen saturation levels and heart pulse rate and displays the results on an easy-to-read liquid crystal display. Simple to use, this unique device delivers near-immediate results; just place the unit on your finger and press the 'on' button; within seconds, the PulseOx 5500 will display accurate readings of your SPO2 and heart pulse rate. Ideal for all medical and home-care related applications where fast measurement of vital signs is required.

The PulseOx 5500 is based on SPO Medical's uniquely patented algorithms that use pulse reflectance technology for the accurate measurement of blood oxygen saturation levels and heart pulse rate, non-invasively. It also addresses problems typically associated with motion artifacts, ensuring accurate and reliable reading. The PulseOx is designed to utilize very low power for extended usage, eliminating the need for frequent battery replacement and can be used outdoors in many conditions, including high altitudes, at high and low temperatures and even in the dark.

Micro Direct, Inc.
803 Webster Street
Lewiston, ME 04240
Telephone 800-588-3381
Fax 207-786-7280
www.micro-direct.com



Features

- Easy to use
- "All-in-one" integrated finger device
- Very low power consumption
- Minimal maintenance costs
- Single button operation
- Robust and attractive design

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	+/-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'
Battery indication	Full power, 1/3 and near empty

Mechanical

Dimensions	2.91" x 1.57" x 1.61"
Weight	1.8 ounces including battery

Environmental

Battery Life	1,000 hours (40 days) continuous use
Operating temperature	39 to 107 degrees Fahrenheit
Humidity	Up to 95% noncondensing