iHealth™

Wireless Pulse Oximeter
Oxymètre de pouls sans fil

OWNER'S MANUAL
MANUEL DU PROPRIÉTAIRE

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INTRODUCTION AND INTENDED USE

Thank you for choosing the iHealth Wireless Pulse Oximeter PO3. The Pulse Oximeter PO3 can be used to measure blood oxygen saturation and pulse rate. The Pulse Oximeter PO3 is not a medical device and should only be used by healthy individuals who are performing non-medical sports or recreational activities. It is intended to be used for spot monitoring and not for continuous monitoring.

Compatibility

The iHealth Wireless Pulse Oximeter PO3 is designed for use with the following devices:
iPod touch 5th generation
iPhone 4S
iPhone 5
New iPad
iPad 4
…with an iOS version of V5.0 or higher.

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PACKAGE CONTENT

One (1) iHealth Pulse Oximeter PO3
One (1) Lanyard
One (1) User Manual
One (1) Quick Start Guide
One (1) USB cable

PARTS AND DISPLAYS

PRODUCT DESCRIPTION

The iHealth Wireless Pulse Oximeter PO3 measures the amount of oxygen in your blood and your pulse rate. The oximeter works by shining two light beams into the small blood vessels or capillaries of the finger, reflecting the amount of oxygen in the blood and displaying the measurement on the oximeter's screen. The oxygen saturation (SpO2) is measured as a percentage of full capacity.

Typically, a SpO2 reading between 96%-99% is considered normal. High altitudes and other factors may affect what is considered normal for a given individual.
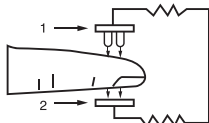
PRODUCT SPECIFICATIONS

1. Model: PO3
2. Display System: LED
3. Power Source: Lithium-ion battery
4. Peak wavelength: 660nm/880nm
5. SpO2 Measuring Range: 70-99%
6. Average Root Mean Square (ARMS) of SpO2 Accuracy: 80%～99%：±2%, 70%～79%：±3%, <70%: no definition.
7. Pulse Rate Measuring Range: 30-250bpm
8. Pulse Rate Accuracy: 30 ~ 99bpm: ±2 bpm, 100 ~ 250bpm: ±2%.
9. Automatic Shut-off: After 8 seconds of no indication on the sensors
10. Operation Environment: 5°C-40°C; Humidity <80%
11. Storage Environment: -20°C-55°C; Humidity <95%

WARNINGS AND CAUTIONARY ADVICES

1. Do not use the iHealth Wireless Pulse Oximeter PO3 in a magnetic resonance (MR) environment.
2. Limit finger movement as much as possible when using the device. Otherwise, the Pulse Oximeter PO3 might misinterpret excessive movement as good pulse strength.
3. Do not use the Pulse Oximeter PO3 on the same hand/arm when using a blood pressure cuff or monitor.
4. The Pulse Oximeter PO3 has no alarms and will not sound if the amount of oxygen in your blood is low or if your pulse is too high or low.
5. The Pulse Oximeter must be clean for a proper reading.
6. Your finger must be clean to ensure a proper reading.

7. Any of the following conditions may cause inaccurate measurements of the Pulse Oximeter, including BUT NOT LIMITED TO:
   -Flickering or very bright light;
   -Poor blood circulation;
   -Low hemoglobin;
   -Hypotension, severe vasoconstriction, severe anemia or hypothermia;
   -Nail polish, and/or artificial nails;
   -Any tests recently performed on you that required an injection of intravascular dyes.
8. The Pulse Oximeter PO3 may not work if you have poor circulation. Rub your finger to increase circulation, or place the device on another finger.
9. The Pulse Oximeter PO3 measures oxygen saturation of functional hemoglobin. High levels of dysfunctional hemoglobin (caused by sickle cell anemia, carbon monoxide, etc.) could affect the accuracy of the measurements.
10. Do not use the Pulse Oximeter PO3 in a combustible environment (i.e., oxygen-enriched environment).
11. Do not use the Pulse Oximeter PO3 outside the specified operating and storage temperature ranges.
12. Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast towers, and TV broadcast towers may affect accuracy.
13. The materials used in the Pulse Oximeter PO3 are nontoxic and present no health hazards when used as intended.
14. Use in emergency vehicles with communication systems may affect reading accuacy.
15. The packing material of the Pulse Oximeter PO3 are recyclable and must be

collected and disposed of according to the related regulations in the country or region where the package of the device or its accessories is opened.

16. Any nonrecyclable materials of the Pulse Oximeter PO3 must be disposed of in strict compliance with local rules and regulations.

USING YOUR PULSE OXIMETER

Charge The Battery Before First Use
Plug the iHealth Wireless Pulse Oximeter PO3 into a USB port for three hours or until the battery indicator turns off.

Download App
Download and install the app from the App Store. Search for "iHealth SpO2". (Your compatible iOS device should be version 5.0 or later.)

Create User and Cloud Account
After downloading the app, register and set up your user account following the on-screen instructions. Upon setting up your user account, you will also have access to a free, secure iHealth Cloud account. Go to www.ihealthlabs.com, then click "Sign In" to access your cloud account from PC or Mac.

Turn *Bluetooth* "On"
Turn *Bluetooth* "On" under the "Settings" menu of your iOS device. (The date and time of the Pulse Oximeter will be synced with your iOS device upon first successful connection.) Once your *Bluetooth* is on, the Pulse Oximeter will connect automatically when the app is launched.

TESTING INSTRUCTIONS

1. Open the clamp of the Pulse Oximeter PO3, then place your middle, ring or index finger of your left hand into the rubber opening of the oximeter with nail side down, as pictured.
2. On the front panel, press the "Start" button once to turn the oximeter on.
3. Keep your hand still for the reading.
4. After a few seconds, your SpO2 reading will appear on the oximeter display screen and the app if the app is turned on.
5. If the signal strength is too low, switch to another finger and perform the test again.

USING WITHOUT iOS DEVICE

After it has been used for the first time, the date and time of the Pulse Oximeter PO3 will be synchronized with your iOS device. It can also be used without being connected to an iOS device. In this case, the measurement data is stored in memory and can be uploaded to the app when the connection is re-established. The Pulse Oximeter PO3 can store up to 100 measurements. When the memory is full, any new measurements overwrite the oldest ones.

CARE AND MAINTENANCE

1. Clean the device once per week, carefully swabbing inside the device with a soft cloth or cotton swab with rubbing alcohol. Do not pour the alcohol directly on or into the device.

2. Do not drop this device or subject it to strong impact.
3. Avoid direct sunlight exposure and high temperatures.
4. Do not immerse the device in water.
5. If this device is stored near freezing, allow it to acclimate to room temperature before use.
6. Do not attempt to disassemble this device.

TROUBLESHOOTING

Problem	Possible Cause	Solution
SpO2 or pulse rate shows no value, or the number fluctuates.	1. Finger may not be inserted correctly. 2. Finger or hand may be moving.	1. Remove finger and reinsert, as directed. 2. Try to keep perfectly still and test again.
The device does not turn on.	1. The battery may be low. 2. The device might be damaged.	1.Charge the battery and try again. 2.Please contact iHealth Customer Service at 1-855-816-7705
Low Battery indicator is ☐ blinking.	The battery is low.	Charge the battery and try again.
The app cannot find the iHealth Pulse Oximeter PO3.	The *Bluetooth* may not be working.	Reestablish the *Bluetooth* connection. If still not successful, restart your iOS device (iPod, iPhone or iPad) and press the button on the PO3 for 8 seconds to restart.

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