iHealth PO3

Fingertip Pulse Oximeter

OPERATION GUIDE

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INTRODUCTION AND INTENDED USE

Thank you for selecting iHealth Pulse Oximeter product.

PO3 is intended to measure blood oxygen saturation (SpO_2%)(the amount of oxygen in your blood) and pulse rate(bpm). It is designed for adult and can be used in family, homecare, commdevicey care. The PO3 is a medical device and is not intended to diagnose or treat any medical condition or disease.

This Bluetooth pulse oximeter can be used with an iPod, iPhone or iPad.

iPhone and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc.

The iHealth Bluetooth pulse oximeter is designed for the following models:
iPod touch 5th generation
iPhone 4S
iPhone 5
New iPad
iPad 4

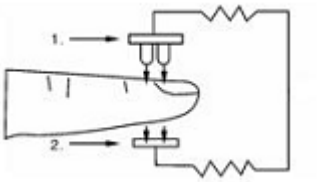
The iOS version of these device should be V5.0 or higher.

iHealth is a trademark of iHealth Lab Inc.

CONTENTS AND DISPLAY INDICATORS

PRODUCT DESCRIPTION

Pulse oximeter measures the amount of oxygen in your blood and the 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 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.

SPECIFICATIONS

1. Model: PO3
2. Display System: LED
3. Power Source: Battery 3.7V Li-ion 330mAh
4. peak wavelength: 660nm/880nm;
5. SpO2 Measuring Range: 70-99%
6. Average Root Mean Square(A_{RMS}) of SpO2 Accuracy: 70-99%, <2 digits; <70%, no definition.
7. Pulse Rate Measuring Range: 30-250bpm
8. Pulse Rate Accuracy: ±2bpm or ±2% larger one
9. Automatic Shut-off: After 8 seconds of no indication on the sensors
10. Operation Environment: 5℃-40℃; Humidity <80%
11. Storage Environment: -20℃-55℃; Humidity <95%

CAUTIONS

⚠Cautions

1. Do not use the pulse oximeter in a magnetic resonance(MR) environment.
2. The pulse oximeter might misinterpret excessive movement as good pulse strength. Limit finger movement as much as possible when using the device.
3. Do not use the pulse oximeter on the same hand/arm when using a blood pressure cuff or monitor.
4. The pulse oximeter has no alarms and it will not sound if the amount of oxygen in your blood is low or if your pulse is too high or too low.

5. The pulse oximeter must be clean for a proper reading.
6. Your finger must be clean for proper reading.
7. Any of the following conditions may cause inaccurate measurements of the pulse oximeter, 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; and
   - Any tests recently performed on you that required an injection of intravascular dyes
8. The pulse oximeter 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 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 in a combustible environment(oxygen enriched environment).
11. Do not use the pulse oximeter 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 are conformed to the biocompatibility and nontoxic and no hazard to the body.
14. Use in emergency vehicles with communication systems may affect accuacy.
15. The packing material of the pulse oximeter is recyclable, and they must be collected and disposed according to the related regulation in the country or region where the package of the device or its accessories in opened.
16. Any material of the pulse oximeter that may cause pollution in the environment, must be collected disposed strictly compiled with the local rules and requirements.

CHARGE THE BATTERY

Plug the iHealth Pulse Oximeter PO3 into a USB port for three hours or until the battery indicator turns off.

USING YOUR PULSE OXIMETER

1. GET THE APPLICATION FOR PO3

   The pulse oximeter works with an iPod, iPhone, and iPad. You will first need to install the application(app). If you have not installed it yet, please proceed as follows to download the app.

   You can download the PO3 app from App Store using the process described below. Ensure that you have access to the internet.

   Launch the App Store and perform a search using the key words “iHealth”, “PO3” to locate the app. Download the appropriate app and then install it.

2. USING WITH iOS DEVICE

   STEP 1: Check that your iPod, iPhone or iPad is listed under compatible models.

   STEP 2: Check that the iOS is V5.0 or higher. if not, you may need to update your iOS before using this product.

   STEP 3: Open Bluetooth on your iPod, iPhone or iPad(Setting->General->Bluetooth->on).

   STEP 4: Launch the app and login, then the app should connect to the pulse oximeter, if connect successfully, the app should show the measuring page.
   NOTE: When you use app for the first time, you should create new user and input some personal information.

   STEP 5: Open the clamp and place your finger into the rubber opening of the pulse oximeter(your finger nail should touch the bottom portion), then releasing the clamp.

   STEP 6: Press the button on front panel to turn the pulse oximeter on.

   STEP 7: Keep your hands still for the reading. Do not shake your finger during the test. It is recommended that you do not move your body while taking a reading.
   STEP 8: After a few seconds, you can read the data on the app.

   STEP 9: When no signal or low signal is detected. the pulse oximeter will power off automatically in 8 seconds.

3. USING WITHOUT iOS DEVICE

   After it has been used for the first time, the date and tme of the pulse oximeter will be synchronized with the iOS device. The pulse oximeter 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 an iPod, iPhone or iPad when the connection is re-established. The pulse oximeter can store 100 measurements. When the memory is full, any new measurements overwrite the oldest ones.

4. OPERATION INSTRUCTIONS
   For detailed operating instructions, please visit http://www.iHealth99.com/

   NOTE: The pulse oximeter is intended for use as a spot check device and should not be kept in place for an excessive period of time. Take care to check the positioning and sensitivity of the user during monitoring.

CARE AND MAINTENANCE

1. Clean the device once per week, when doing the cleaning, carefully swab 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 high temperature and solarization. Do not immerse the device in water as this will result in damage to the device.
4. If this device is stored near freezing, allow it to acclimate to room temperature before use.
5. Do not attempt to disassemble this device.
6. If you do not use the device for a long time, please remove the batteries.

TROUBLESHOOTING

Problem	Possible Cause	Solution
SpO2 or pulse rate is shown unstable or no value	1. Finger may not plugged correctly 2. Finger may be trembling	1. Retry by plugging the finger 2. Try to remain the finger still
The oximeter cannot be turned on	1. low battery 2. The oximeter might be damaged	1. Charging the battery 2. Please contact with local customer service center
Low Battery indication blinking	Low battery	Charging the battery
The app can not find the pulse oximeter		Restart the Bluetooth; if still not successful, restart iPod, iPhone or iPad

IMPORTANT INFORMATION REQUIRED BY THE FCC

This device complies with Part 15 of the FCC Rules. Its operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off

and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

EXPLANATION OF SYMBOLS ON DEVICE


Symbol for “Caution Consult Accompanying Documents”


Symbol for “Type BF Applied Part”

Symbol for “no alarm for SpO2”

SpO2% Oxygen Saturation

bpm Pulse Rate(beats per minute)


Low battery indicator


Symbol for “Disposal Procedure”


Symbol for “Manufacturer”

SERVICE CENTER

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