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› Pulox PO-200A Fingertip Pulse Oximeter with Alarm User Manual

Pulox PO-200A

Pulox PO-200A Fingertip Pulse Oximeter with Alarm User Manual

Model: PO-200A

1. INTRODUCTION

The Pulox PO-200A Fingertip Pulse Oximeter is a portable, non-invasive device intended for spot-checking of oxygen saturation of arterial hemoglobin (SpO₂) and pulse rate. It is suitable for use in home, hospital, and clinical environments. This manual provides essential information for the correct operation and maintenance of your device.

2. SAFETY INFORMATION

- Consult your physician before using this device for medical diagnosis.
- This device is not intended for continuous monitoring.
- Do not use the oximeter in an MRI or CT environment.
- Keep the device away from children. Small parts may pose a choking hazard.
- Avoid using the device on fingers with nail polish, artificial nails, or open wounds, as this may affect accuracy.
- Ensure the finger is clean and dry before measurement.

3. PRODUCT COMPONENTS AND FEATURES

Familiarize yourself with the various parts of your Pulox PO-200A Pulse Oximeter:



Image 3.1: Pulox PO-200A Component Overview

This image illustrates the key components of the pulse oximeter, including the measurement area, pulse bar graph, blood oxygen saturation (SpO2) display, perfusion index (PI%) display, status indicator, average pulse rate, pulse waveform, pulse sound indicator, lanyard hole, battery compartment, finger opening, LCD display, screen protection, and the single operation button.

Key Features:

- **Clear LCD Display:** Automatically rotates 90 degrees for easy viewing from various angles.
- **Audible Alarm:** Customizable alarm limits for SpO2 and pulse rate.
- **Perfusion Index (PI):** Indicates the strength of the pulse signal.
- **One-Button Operation:** Simple and intuitive to use.
- **Compact and Portable:** Lightweight design for on-the-go monitoring.



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Image 3.2: Automatic Display Rotation

The clear LCD display automatically rotates by 90 degrees, ensuring optimal readability of the large digits from any viewing angle.

Included Accessories:



Image 3.3: Included Accessories

The package includes a protective case, a silicone protective cover, a durable nylon bag, 2x AAA batteries, and a lanyard for convenient carrying and protection.

4. SETUP

4.1 Battery Installation

1. Open the battery compartment cover located on the back of the device.
2. Insert two AAA batteries, ensuring correct polarity (+ and -).
3. Close the battery compartment cover securely.

5. OPERATING INSTRUCTIONS

5.1 Taking a Measurement

1. Ensure the oximeter has batteries installed.
2. Open the clamp of the oximeter.
3. Insert one of your fingers (preferably the index or middle finger) into the rubber opening of the oximeter, ensuring your nail is facing upwards towards the display.
4. Release the clamp. The oximeter will automatically turn on and begin measurement.
5. Keep your hand still during the measurement. Readings will appear on the display within a few seconds.
6. The device will automatically power off after approximately 8 seconds of inactivity.



Image 5.1: Correct Finger Placement

Insert your finger fully into the device, ensuring it rests comfortably and stably for accurate readings.

5.2 Display Information

The display shows the following parameters:

- **SpO2:** Blood Oxygen Saturation level (%).
- **PRbpm:** Pulse Rate (beats per minute).

- **PI%:** Perfusion Index (indicates pulse strength).
- **Pulse Bar Graph:** Visual representation of pulse strength.
- **Pulse Waveform:** Graphical representation of the pulse.

5.3 Alarm Settings

The Pulox PO-200A features customizable audible alarms for SpO2 and pulse rate. To access and adjust these settings:



Image 5.2: Alarm Settings Menu

This image displays the menu for customizing audible alarms, including options to turn prompts on/off and set high and low limits for pulse and SpO2.

1. With the device on, press and hold the operation button to enter the settings menu.
2. Navigate through the options using short presses of the button.
3. Select 'Pulse Prompt' or 'SpO2 Prompt' to enable/disable the respective alarms.
4. Select 'High' or 'Low' to adjust the alarm thresholds for pulse rate and SpO2.
5. Select 'Exit' to save changes and return to the measurement screen.

6. MAINTENANCE AND CARE

- **Cleaning:** Wipe the device surface with a soft cloth dampened with medical alcohol (70% ethanol or isopropanol). Do not immerse the device in liquid.
- **Storage:** Store the oximeter in a cool, dry place, away from direct sunlight and extreme temperatures. If not in use for an extended period, remove the batteries.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display after turning on	Low or dead batteries; Incorrect battery installation	Replace batteries; Reinstall batteries with correct polarity
SpO2 or Pulse Rate cannot be shown stably	Finger not inserted properly; Excessive movement; Nail polish or artificial nails; Weak pulse signal	Reinsert finger correctly; Keep still; Remove nail polish; Warm hands if cold
Device automatically powers off	No finger inserted for 8 seconds; Low battery	Insert finger to start measurement; Replace batteries

8. SPECIFICATIONS

Parameter	Value
Brand	Pulox
Model Name	PO-200A
Measurement Range (SpO2)	0% ~ 100%
Measurement Range (Pulse Rate)	30 ~ 250 bpm
Number of Batteries	2 AAA (included)
Item Weight	50 Grams
ASIN	B01N3S6036

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Pulox customer service. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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