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› HealthTree Fingertip Pulse Oximeter Blood Oxygen Saturation Monitor User Manual

HealthTree JKS50B

HealthTree Fingertip Pulse Oximeter User Manual

Model: JKS50B

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your HealthTree Fingertip Pulse Oximeter. Please read this manual thoroughly before use and retain it for future reference.

What's Included

- 1 x Fingertip Pulse Oximeter
- 2 x AAA Batteries
- 1 x Lanyard
- 1 x User Manual

Key Features

- Accurate and reliable SpO2 (Blood Oxygen Saturation) and Pulse Rate measurements.
- Fast readings, typically within 5-8 seconds.
- One-button operation for ease of use.
- Bright OLED display for clear readability.
- Automatic power-off after 10 seconds of inactivity to conserve battery life.
- Compact and lightweight design with included lanyard for portability.

Product Features



Accurate
Reading



5-8S Fast
Measurement



Small and
Portable



10S Automatic
shut-down



Perfusion
Index



Pulse
Rate



one Button
operation



Oxygen
Saturation

Figure 1: Overview of Product Features

Widely Used



Figure 2: Compact and Portable Design

2. PRODUCT OVERVIEW

Components

Familiarize yourself with the different parts of your pulse oximeter:

- **OLED Screen:** Displays SpO2, Pulse Rate, Perfusion Index (PI), and battery indicator.

- **One-Button Control:** For powering on and initiating measurements.
- **Finger Sensor:** Where the finger is placed for measurement.
- **Battery Cover:** Protects the battery compartment.

Product Detail



Figure 3: Product Detail and Components

3. SETUP

Battery Installation

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



Figure 4: Correct Battery Installation

Powering On/Off

- **To Power On:** Press the power button once. The device will display the HealthTree logo and then enter the measurement interface.
- **To Power Off:** The device will automatically power off after 10 seconds of inactivity (when no finger is detected).

Easy to use



Figure 5: Automatic Shutdown Feature

4. OPERATING INSTRUCTIONS

Taking a Measurement

1. Ensure the batteries are correctly 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 screen.

4. Release the clamp.
5. Press the power button once to start the measurement.
6. Keep your hand still during the measurement. The readings for SpO2 and Pulse Rate will appear on the screen within 5-8 seconds.



Figure 6: One-Click Measurement

Accurate and Fast



Figure 7: Accurate and Fast Measurement

Important Measurement Tips

- Keep your body still during the measurement. Movement can affect accuracy.
- Ensure your fingers are warm. Cold fingers can lead to inaccurate readings.
- Do not have long nails or nail polish, as this can interfere with the sensor.
- Avoid using artificial nails during measurement.



Figure 8: Tips for Accurate Measurement

5. MAINTENANCE

Cleaning and Care

- Clean the surface of the oximeter with a soft cloth dampened with medical alcohol (75% ethanol or isopropanol) before and after each use.
- Do not immerse the device in water or other cleaning solutions.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries if the device will not be used for an extended period to prevent battery leakage.

6. TROUBLESHOOTING

Common Issues and Solutions

Issue	Possible Cause	Solution
Display shows 'Finger out' or no reading	Finger not inserted correctly; finger too cold; excessive movement; long nails/nail polish.	Reinsert finger correctly; warm your finger; remain still; remove nail polish or trim nails.
Display shows 'Low Battery'	Batteries are low or incorrectly installed.	Replace batteries with new ones, ensuring correct polarity.
Inaccurate readings	Movement during measurement; cold fingers; strong ambient light; device malfunction.	Ensure stillness and warm fingers; move to a less brightly lit area; contact customer support if issues persist.
Device does not turn on	No batteries; dead batteries; incorrect battery installation.	Install new batteries, ensuring correct polarity.

7. SPECIFICATIONS

Specification	Detail
Product Dimensions	2.25 x 1.2 x 1.25 inches; 2.4 ounces
Item Model Number	JKS50B
Batteries	2 AAA batteries required (included)
Battery Life	Approximately 30 Hours
Manufacturer	HealthTree
Color	Gray
Measuring Range	SpO2, PR (Pulse Rate), PI (Perfusion Index)

8. SAFETY INFORMATION

Important Legal Disclaimer

Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.

This device is intended for sports and aviation use only and is not a medical device. Consult with a healthcare professional for any medical concerns.

9. WARRANTY AND SUPPORT

Warranty Information

Specific warranty details are not provided in the product information. Please refer to the product packaging or contact the manufacturer directly for warranty terms and conditions.

Customer Support

For any questions, technical assistance, or support regarding your HealthTree Fingertip Pulse Oximeter, please contact HealthTree customer service through their official website or the contact information provided on the product packaging.