

WRINERY WRINERY

WRINERY Pulse Oximeter Fingertip Instruction Manual

1. INTRODUCTION

The WRINERY Pulse Oximeter Fingertip is designed to measure blood oxygen saturation levels (SpO2), pulse rate, and pulse strength. This device is intended for non-medical use, suitable for home and travel. It provides accurate and reliable data before and after strenuous activities. It is ideal for sports enthusiasts, aviators, trainers, bikers, mountain climbers, or anyone interested in monitoring their SpO2 on the go.

Note: This pulse oximeter is not intended for medical diagnosis or treatment.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x WRINERY Finger Oxygen and Heart Rate Monitor
- 1 x Lanyard
- 1 x User Manual (this document)
- 2 x AAA Batteries
- 1 x Carrying Case



Image: Contents of the WRINERY Pulse Oximeter package, showing the device, lanyard, two AAA batteries, and a black carrying case.

3. SETUP

Follow these steps to prepare your pulse oximeter for first use:

1. **Install Batteries:** Remove the back cover of the device. Insert the two AAA batteries into the battery compartment, ensuring correct polarity (+/-). Replace the back cover.



Image: The WRINERY Pulse Oximeter device shown with its accessories, illustrating the components involved in the initial setup, including the battery compartment.

4. OPERATING INSTRUCTIONS

To obtain a reading:

1. **Insert Finger:** Open the clamp of the oximeter. Insert one of your fingers (preferably the index or middle finger) into the rubber opening, ensuring your fingertip is aligned with the red light sensor.
2. **Activate Device:** Release the clamp. The device will automatically switch on and begin measurement.
3. **Read Results:** Remain still. After approximately eight to ten seconds, your SpO2 (blood oxygen saturation) and Pulse Rate (PRbpm) will be displayed on the OLED screen.

For accurate readings, it is recommended to use the device in a stationary condition, avoiding movement during measurement.

High Performance

Optical detection technology and anti-skip silicone matt finishing inside, enables you more accurate measurement.



Image: A finger being correctly inserted into the WRINERY Pulse Oximeter, highlighting the position for accurate measurement over the red light sensor.

Multi-function

Pulse Rate Range 25 – 250 bpm

SpO₂ Range 70 – 100%



- ① SpO₂ Value ② Power Indicator ③ Pulse Bar Graph
④ Operating Button ⑤ Heart Beat Icon ⑥ Pulse Rate ⑦ Pulse Waveform

Image: The WRINERY Pulse Oximeter's OLED display, indicating SpO₂ value, power indicator, pulse bar graph, operating button, heart beat icon, pulse rate, and pulse waveform.

5. FEATURES

- **Accurate and Reliable:** Provides precise measurements of blood oxygen levels and pulse rate within 8 seconds.
- **Portable Design:** Compact and lightweight (approximately 65g / 1.95 ounces) with an included lanyard for easy carrying.
- **Wide Finger Size Accommodation:** Designed to fit a broad range of finger sizes, from children to adults.
- **Minimum Power Consumption:** Features an automatic power-off function when no finger is detected, extending battery life up to 15 hours with two AAA batteries.
- **Crystal Clear OLED Display:** Presents reading data on a bright and sharp OLED screen for enhanced visibility in various environments.

6. SPECIFICATIONS

Model Name	WRINERY
Measuring Range SpO2	35%~100%
Measuring Range Pulse Rate (PR)	25 BPM ~250 BPM
Batteries	2 x AAA batteries (included)
Battery Life	Up to 15 hours of continuous operation
Display Type	OLED
Color	Black
Package Dimensions	3.19 x 2.24 x 2.13 inches
Weight	2.4 ounces (device only approx. 0.5 ounces)
Manufacturer	Hunan Accurate Bio-Medical Technology Co., Ltd.
ASIN	B07V3176CB

7. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your device:

- **Cleaning:** Wipe the surface of the oximeter with a soft cloth dampened with medical alcohol or a mild disinfectant. Do not immerse the device in liquid.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. If the device will not be used for an extended period, remove the batteries to prevent leakage.
- **Avoid Impact:** Handle the device with care to prevent damage from drops or impacts.

8. TROUBLESHOOTING

If you encounter issues with your WRINERY Pulse Oximeter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display after power on	Batteries are dead or incorrectly installed.	Replace batteries or re-install them with correct polarity.
Inaccurate or unstable readings	Finger not inserted properly; movement during measurement; cold fingers; nail polish or artificial nails.	Re-insert finger correctly; remain still; warm hands; remove nail polish/artificial nails.
Device automatically turns off	No finger detected for a period (normal auto-off function); low battery.	This is normal behavior if no finger is present. If a finger is present, check/replace batteries.

9. IMPORTANT SAFETY INFORMATION

- This device is intended for sports and aviation use only. It is not a medical device and should not be used for medical diagnosis or treatment.
- Consult a medical professional for any health concerns.
- Keep out of reach of children. Small parts may pose a choking hazard.
- Do not use the device in an MRI or CT environment.
- Do not use the device on the same limb simultaneously with a blood pressure cuff or other monitoring equipment.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official WRINERY website. Please retain your proof of purchase for warranty claims.

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Documents - WRINERY – WRINERY

no relevant documents