CRFISH YK011

CRFISH Pulse Oximeter Fingertip Model YK011 User Manual

Model: YK011

1. Introduction

The CRFISH Pulse Oximeter Fingertip Model YK011 is a portable, non-invasive device intended for spot-checking of functional oxygen saturation of arterial hemoglobin (SpO2) and pulse rate. This device is designed for sports and aviation use, providing accurate readings for individuals interested in monitoring their oxygen levels and pulse rate during activities. It is suitable for adults and children.

2. Important Safety Information

- **This device is for sports or aviation use only, not for medical use.** It is not intended for diagnosis or treatment of any medical condition.
- Consult a medical professional for any health concerns.
- Do not use the oximeter in an MRI or CT environment.
- Do not use the oximeter on the same finger with other medical devices.
- Keep the device away from young children to prevent choking hazards from small parts.
- Remove batteries if the device will not be used for an extended period to prevent battery leakage.

3. Package Contents

Please check the contents of your package. If any items are missing or damaged, contact customer service.

- CRFISH Pulse Oximeter (1 unit)
- Portable Lanyard (1 unit)
- Packing Box (1 unit)
- User Manual (1 unit)

4. Product Overview

The CRFISH Pulse Oximeter features a clear LED display and a simple one-button operation. Familiarize yourself

with the device's components and display indicators.



Image Description: This image highlights the key display elements and controls of the CRFISH Pulse Oximeter. It shows the digital readings for blood oxygen saturation (%SpO2) and heart rate (BPM), a graphical pulse column, a battery power indicator, and the power on button.

The display shows:

- **%SpO2:** Blood Oxygen Saturation level.
- **PR bpm:** Pulse Rate in beats per minute.
- **Pulse Column:** A bar graph indicating pulse intensity.
- **Battery Power Indicator:** Shows remaining battery life.

5. Setup

5.1 Battery Installation

The CRFISH Pulse Oximeter requires two AAA batteries (not included). Follow these steps to install them:

1. Open the battery compartment cover on the back of the device.
2. Insert two AAA batteries according to the polarity markings (+ and -) inside the compartment.

3. Close the battery compartment cover securely.



Image Description: This diagram illustrates the correct way to insert AAA batteries into the CRFISH Pulse Oximeter, indicating positive and negative poles. It also shows a comparison with incorrect battery placement.

5.2 Battery Installation Video Guide

[redacted]

Video Description: This video demonstrates the unboxing of the CRFISH Pulse Oximeter and the correct procedure for installing AAA batteries into the device. It also shows the initial power-on sequence.

6. Operating Instructions

To obtain accurate readings from your CRFISH Pulse Oximeter, follow these simple steps:

1. **Open:** Gently press the bottom of the device and open the clamp.
2. **Insert Finger:** Place one of your fingers (preferably the index or middle finger) into the rubber opening of the oximeter. Ensure your finger is fully inserted and rests flat on the sensor. The surface of the finger clamp must face upwards.
3. **Activate:** Press the power button on the front panel once.
4. **Wait for Results:** Keep your hand still and wait for a few seconds. The SpO2 and pulse rate readings will

appear on the display.

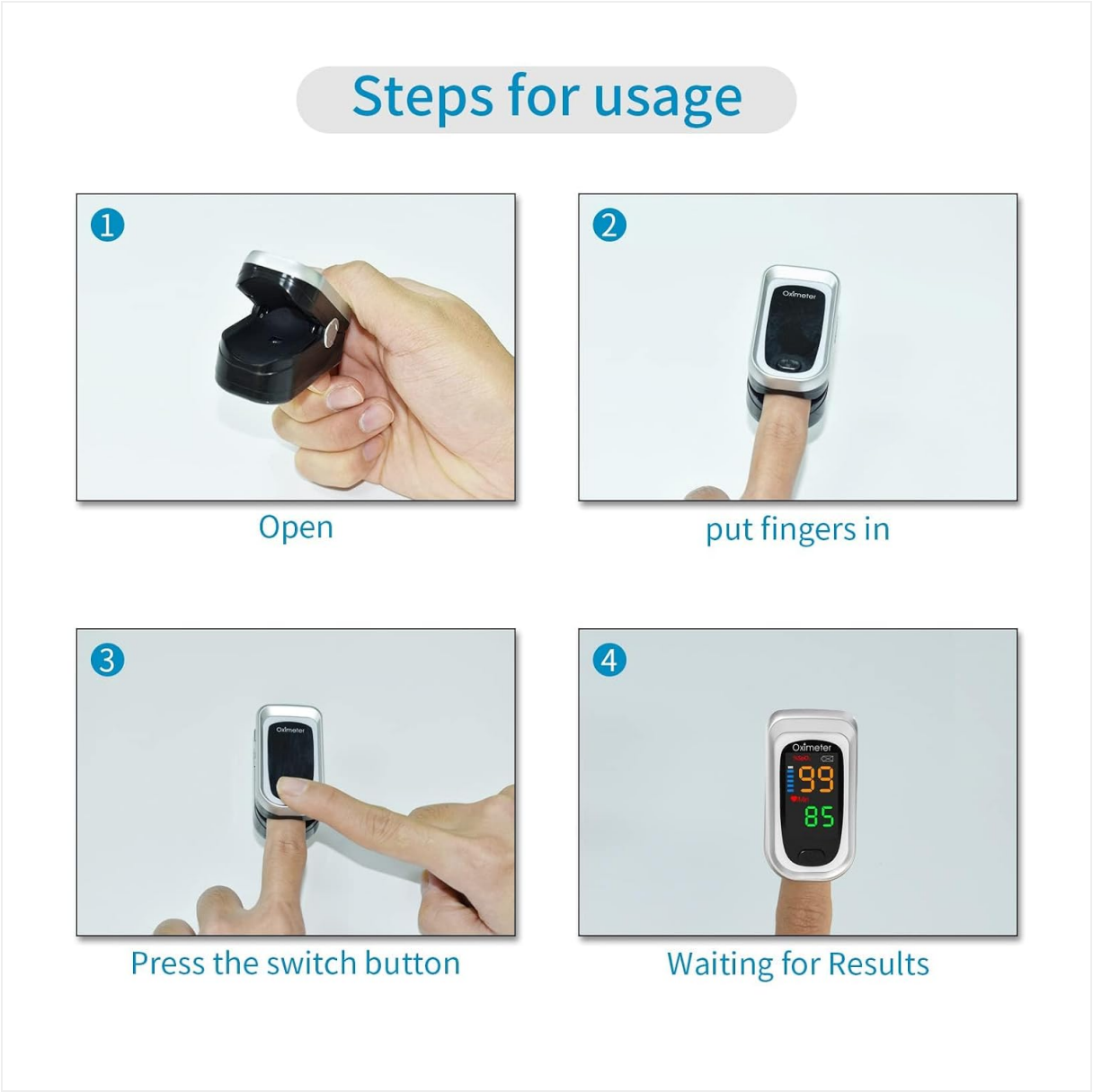

Image Description: This visual guide provides a clear, four-step process for using the CRFISH Pulse Oximeter: 1. Open the device, 2. Insert a finger, 3. Press the power button, and 4. Wait for the readings to appear.

6.1 Multi-Directional Display

The oximeter features a multi-directional display, allowing the screen orientation to rotate for easy viewing from different angles. Simply press the power button briefly while the device is on to change the display direction.



Image Description: This image demonstrates the multi-directional display feature of the CRFISH Pulse Oximeter, allowing the screen orientation to rotate for easy viewing from different angles.

6.2 Device Operation Video

[redacted]

Video Description: This short video clip shows the CRFISH Pulse Oximeter in operation, displaying real-time blood oxygen saturation and pulse rate readings on its LED screen.

7. Specifications

Feature	Detail
Brand	CRFISH
Model Name	YK011
Color	Black-Silver
SpO2 Measuring Range	70% - 100%
Pulse Rate Measuring Range	30 - 250 bpm

Batteries Included	No (Requires 2x AAA batteries)
Manufacturer	Xuzhou Yongkang Electronic Science Technology Co., Ltd
Unit Count	1.0 Count

8. Maintenance and Care

- **Cleaning:** Wipe the device with a soft cloth dampened with alcohol or a mild disinfectant. Do not immerse the device in water or cleaning solutions.
- **Storage:** Store the oximeter in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display.
- **Long-Term Storage:** If the device will not be used for an extended period, remove the batteries to prevent potential damage from leakage.

9. Troubleshooting

If you encounter issues with your pulse oximeter, refer to the following common questions and solutions:

Image Description: This image displays common questions and answers regarding the CRFISH Pulse Oximeter's operation and readings, such as variations in readings between fingers and troubleshooting for no data.

Q1: The values measured by different fingers of the same hand are different every time.

A1: Yes, the measured blood flow area is different every time. As long as the value is within the normal range, it is normal. We use instruments to measure it before leaving the factory.

Q2: No data appears.

A2: Correct measurement method: When the finger is inserted into the oximeter, the surface of the finger clamp must face upwards. If you do not insert your finger or insert it completely, it may cause measurement errors. When the fingers are too cold, the fingers can't be crooked, the hands can't be wet, and there are foreign bodies (such as nail polish) on the surface of the nails, all of which will lead to no measurement. Wait for the finger to fully contact with the working chamber, and then start to display the data.

Q3: It takes a few seconds to read the data.

A3: It takes time to calculate.

Q4: The reading changes from low value to high value in a short time until it is stable.

A4: When the product receives infrared rays, the blood flow rate increases slowly until it is stable.

10. Warranty and Support

CRFISH offers 7*24 hours friendly customer service. If the product has quality problems, please contact the seller via Amazon email for free replacement. Please refer to your purchase documentation for specific warranty terms and conditions.