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## Wellue O2ring-2gen 1010

# Wellue O2Ring-S Oxygen Monitor User Manual

Model: O2ring-2gen 1010

## 1. INTRODUCTION

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The Wellue O2Ring-S is a compact and portable Bluetooth pulse oximeter designed for continuous tracking of blood oxygen saturation (SpO<sub>2</sub>), pulse rate (PR), and body motion. It features a patented ring sensor for comfortable wear and provides real-time readings directly on the device. Data can be automatically synced to the ViHealth App and O2 Insight Pro PC software for detailed analysis and reporting.

This device is intended for sports and aviation use only and is not a medical device. It is not designed to diagnose, treat, or cure any medical condition.

## 2. SETUP

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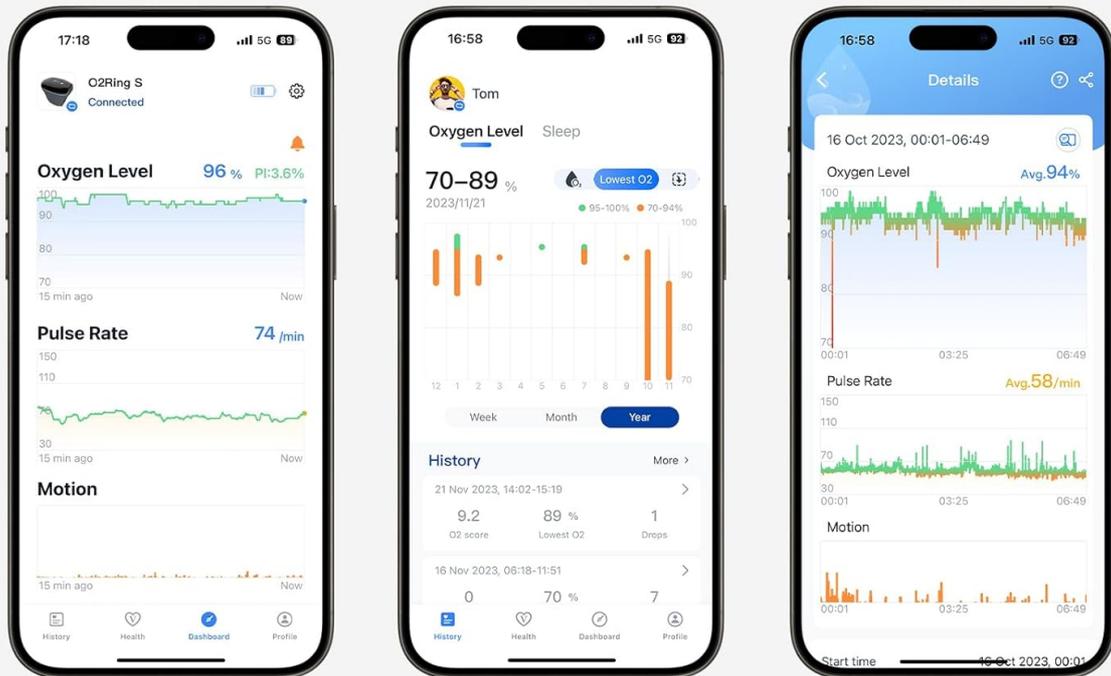
### 2.1 Charging the Device

Before first use, fully charge the O2Ring-S using the provided Type-C data cable. Connect the cable to the charging port on the device and a compatible USB power source. A full charge typically takes approximately 3 hours and provides up to 24 hours of continuous use.



# VIHEALTH

Better know your health with the rich information



Real-time Detection   Multi User Management   Graphic Report   Record in 1s interval  
Shareable PDF/CSV   Vibration   Reminder   Adjustable Threshold

Image: The O2Ring-S device being charged with a Type-C cable, highlighting its 24-hour battery life and 3-hour charging time.

## 2.2 Wearing the O2Ring-S

Place the O2Ring-S on your finger. The patented ring sensor is designed for comfort and to ensure continuous tracking without falling off. Ensure the sensor is positioned correctly for accurate readings. The device fits finger perimeters between 2.17 and 3.15 inches (55-80mm).

## 2.3 Connecting to the App

Download the ViHealth App from your mobile device's app store or the O2 Insight Pro software for PC. The device automatically syncs data to the app when connected via Bluetooth. Ensure Bluetooth is enabled on your mobile device.

- For ViHealth App (iOS/Android): Scan the QR code or visit the link <http://qr.hotlnk.cn/79838280684>
- For O2 Insight Pro Software (PC): Scan the QR code or visit the link <http://qr.hotlnk.cn/79816540314>

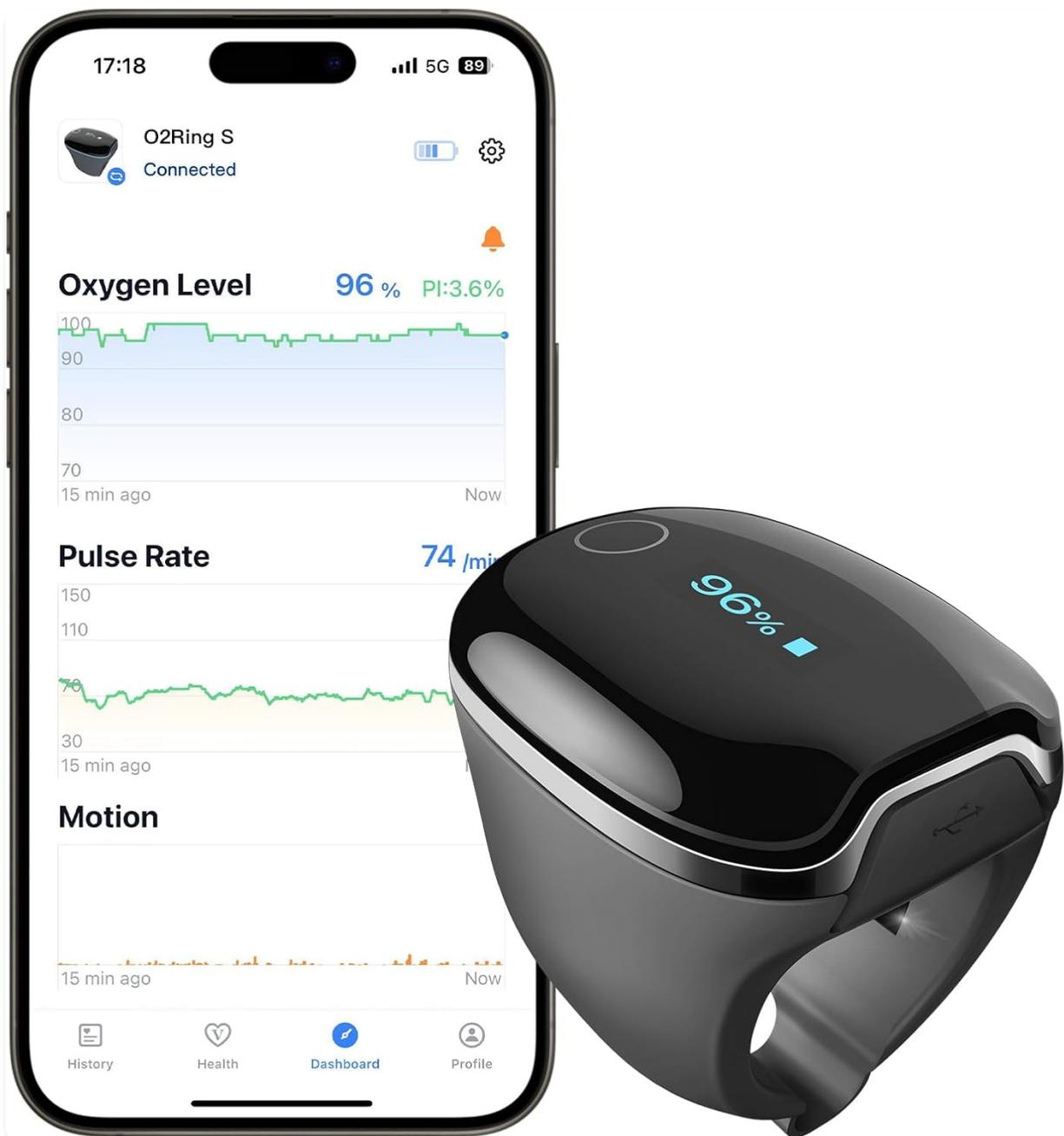


Image: The O2Ring-S device next to a smartphone showing the ViHealth app interface with real-time oxygen level and pulse rate data.

## 3. OPERATING THE DEVICE

### 3.1 Automatic Tracking

The O2Ring-S automatically begins tracking once worn on the finger. It continuously monitors blood oxygen level, pulse rate, and body motion throughout the day or night. Real-time readings are displayed on the device's screen.

# 4\*10 HRS STORAGE

Record in 1s interval

## Blood Oxygen Monitoring



## Pulse Rate Monitoring



## Body Movement



Image: A user wearing the O2Ring-S, with graphical representations of blood oxygen, pulse rate, and body movement data being recorded.

## 3.2 Data Storage and Syncing

The device is equipped with an upgraded chip that samples data at 200Hz, capturing up to 36,000 data points per report. It can store up to 4 sets of 10-hour data internally. When the device is removed from the finger and the app is open, the stored data will automatically sync to the ViHealth App on your smartphone or the O2 Insight Pro software on your PC.

# TECHNOLOGY UPGRADE

Up to 36,000 data points per report



Image: An X-ray view of the O2Ring-S internal chip, illustrating its advanced technology with 200Hz sampling rate for detailed data collection.

## 3.3 Vibration Reminder

The O2Ring-S features a customizable vibration reminder. If your SpO2 level falls below a preset threshold or your heart rate goes outside a preset range, the device will vibrate to alert you. These thresholds can be adjusted within the ViHealth App.

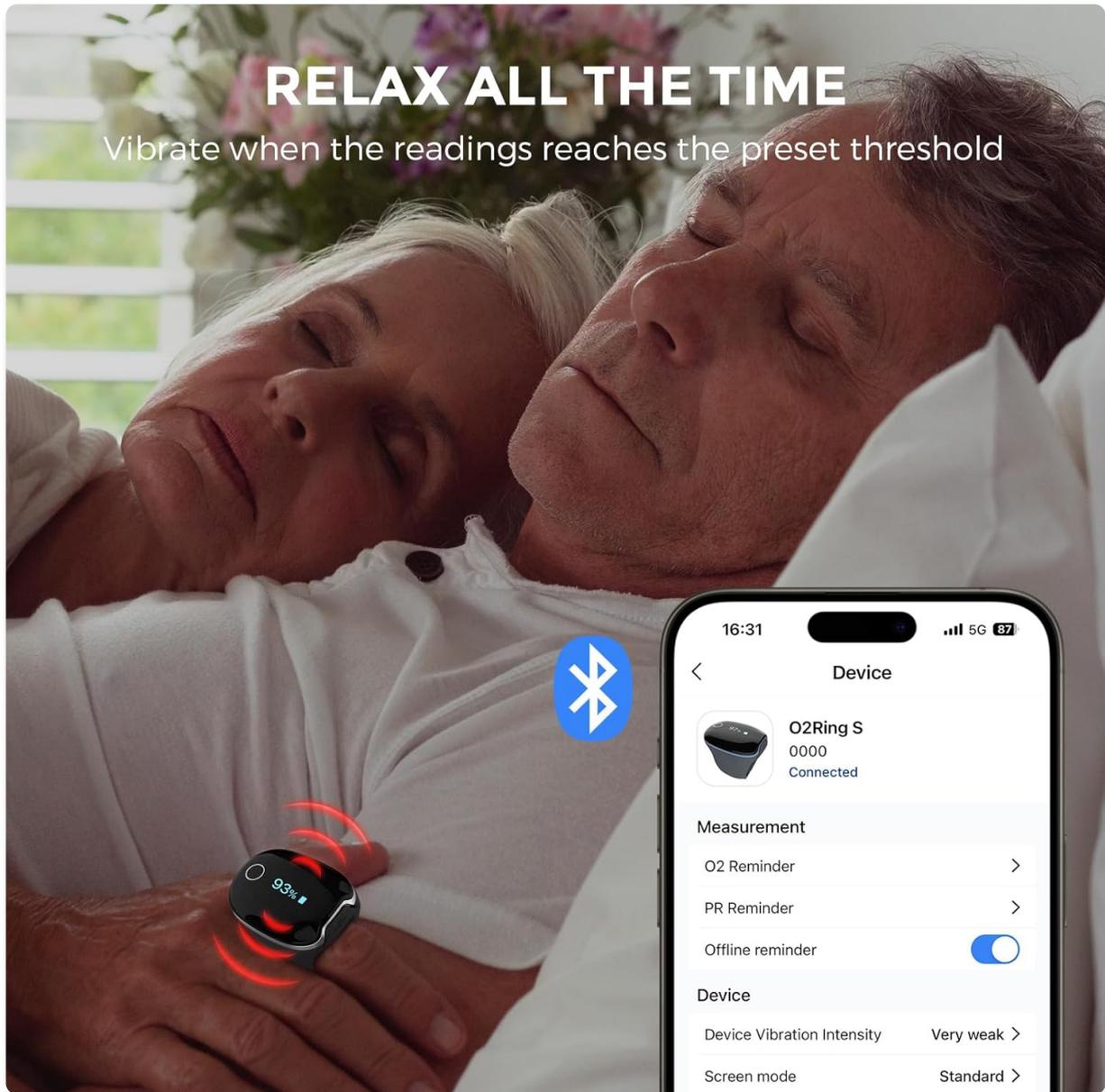


Image: A sleeping couple, with one person wearing the O2Ring-S, illustrating the vibration reminder feature with red pulsating rings around the device.

### 3.4 App Features and Reporting

The ViHealth App and O2 Insight Pro software provide comprehensive data management. You can view real-time data, historical trends, and detailed graphic PDF/CSV reports. These reports can be easily shared for personal tracking or with healthcare professionals.



# O2 INSIGHT PRO

Better report management in PC software

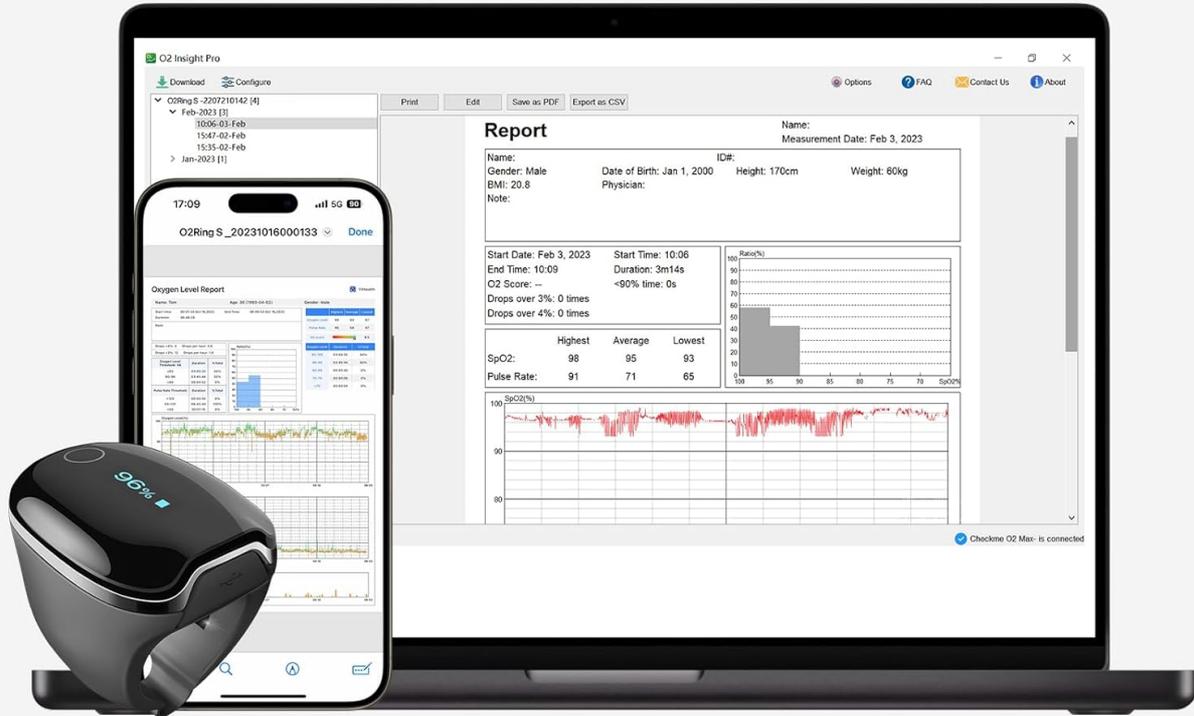


Image: Multiple screenshots of the ViHealth mobile application, showcasing its features for monitoring oxygen levels, pulse rate, and body motion over time.



Image: The O2 Insight Pro PC software interface, demonstrating its capability to manage and display detailed health reports from the O2Ring-S device.

## 4. MAINTENANCE

To ensure the longevity and accuracy of your Wellue O2Ring-S, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the device frequently. Charge it regularly, especially if storing for extended periods.

## 5. TROUBLESHOOTING

Issue	Possible Cause	Solution
Device not charging or transferring data	Using a non-standard USB-C cable.	Always use the Type-C data cable provided with the device for charging and data transfer. Standard USB-C cables may not be compatible.
Difficulty syncing data to PC	Proprietary software/cable required for direct PC sync.	Ensure you are using Wellue's proprietary O2 Insight Pro software and the provided cable for direct PC synchronization. Data can also be transferred from the mobile app to PC via file sharing.

Issue	Possible Cause	Solution
No battery percentage display	Device design limitation.	The device and app display a battery icon, but not a percentage. Monitor the icon to estimate remaining charge.
Frequent Bluetooth disconnection	Interference or distance from paired device.	Ensure the device is within close proximity to your smartphone/PC. Minimize interference from other electronic devices.
Inaccurate readings or device feels loose	Ring has stretched or is not properly fitted.	Ensure the ring fits snugly on your finger (perimeter 2.17"-3.15"). If the flexible part has stretched, contact support for options.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Wellue
Model Number	O2ring-2gen 1010
Material	Silicone
Color	Black
Compatible Devices	Desktops (for PC software)
Battery Life	Up to 24 Hours
Sensor Type	Optical
Battery Description	Lithium-Ion Polymer
UPC	850048347786
Manufacturer	Viatomtech
Finger Perimeter Fit	2.17"-3.15" (55-80mm)
Data Sampling Rate	200Hz
On-device Memory	4 sets of 10-hour data

## 7. WARRANTY AND SUPPORT

The Wellue O2Ring-S comes with a one-year warranty. For any suggestions, comments, or issues, please contact Wellue customer support. We are committed to providing satisfactory solutions to our customers.

Please refer to the packaging for specific contact information or visit the official Wellue website for support

resources.

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## Related Documents - O2ring-2gen 1010

	<p><a href="#">Wellue O2Ring Wearable Oxygen Monitor User Manual</a></p> <p>Comprehensive user manual for the Wellue O2Ring, a wearable oxygen monitor. Learn about its intended use, safety warnings, device overview, operation for charging, powering on/off, starting/stopping measurements, data syncing, app compatibility, PC software, maintenance, and troubleshooting. Includes detailed specifications.</p>
	<p><a href="#">TRENDMEDIC O2Ring Wearable Oxygen Monitor User Manual</a></p> <p>User manual for the TRENDMEDIC O2Ring Wearable Oxygen Monitor, providing instructions on setup, usage, maintenance, troubleshooting, and specifications for measuring SpO2 and pulse rate.</p>
	<p><a href="#">O2Ring Wearable Oxygen Monitor User Manual</a></p> <p>User manual for the O2Ring Wearable Oxygen Monitor, detailing its intended use, features, operation, maintenance, troubleshooting, and specifications. Learn how to measure SpO2 and pulse rate for sleep or daily use.</p>
	<p><a href="#">ViHealth Mobile App User Guide</a></p> <p>User guide for the ViHealth mobile application, detailing installation, device connection, data transfer, real-time monitoring, and settings for pulse oximeters.</p>
	<p><a href="#">Wellue SleepU PO3 Sleep Oxygen Monitor User Manual</a></p> <p>User manual for the Wellue SleepU PO3 sleep oxygen monitor. Learn about its intended use, setup, operation, charging, troubleshooting, and specifications for SpO2 and pulse rate monitoring during sleep.</p>
	<p><a href="#">Oxyfit Fingertip Oximeter User Manual   Wellue</a></p> <p>Comprehensive user manual for the Wellue Oxyfit Fingertip Oximeter. Learn about intended use, warnings, operation, troubleshooting, and specifications for SpO2 and pulse rate monitoring.</p>

