

1. Overview

The O2 Ring is a continuous pulse oximeter designed to monitor blood oxygen saturation (SpO2) and heart rate. It features a ring form factor for comfortable, extended wear and connects to a companion app via Bluetooth for data tracking and reporting.



Key aspects of the device include:

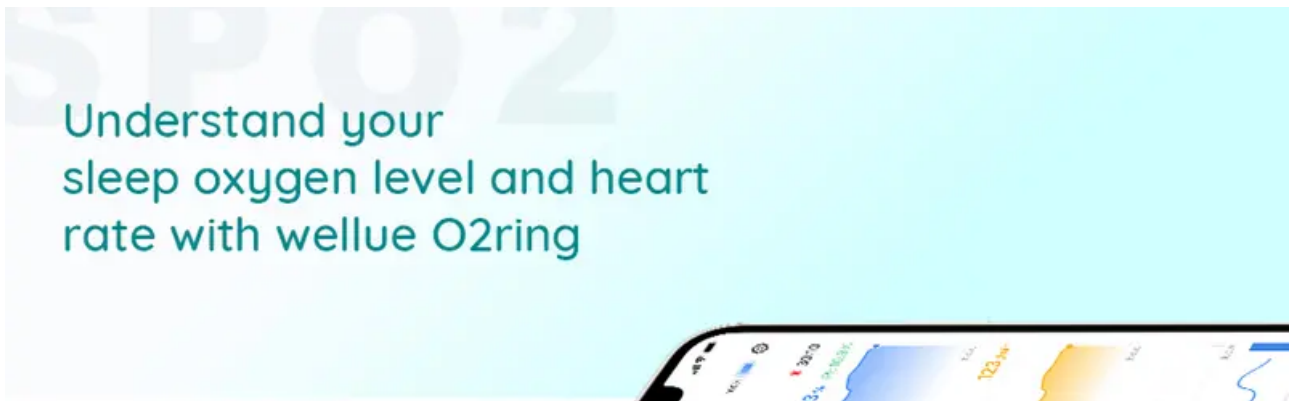
- Continuous monitoring of SpO2 and pulse rate.
- Vibration alarm for low oxygen readings.
- Built-in memory and Bluetooth connectivity.
- Rechargeable battery.

2. Features and Specifications

2.1 Physical Features

- **Design:** Ring-shaped device.

- **Weight:** 15 grams.
- **Colour:** Black.



2.2 Technical Specifications

- **Measuring Range (SpO2):** 70% - 100%.
- **Battery:** 1 x Rechargeable Lithium Polymer (included).
- **Battery Life:** Up to 16 hours.
- **Data Storage:** Stores 4 groups of 10-hour data.
- **Model Name:** O2 Ring.
- **Brand:** ViATOM.



O2Ring - Continuous Oxygen Monitor

Tracking Continuous Oxygen Level and Heart Rate.

3. Use Guide

3.1 Wearing the Device

1. Place the O2 Ring on your finger. The device should fit snugly but comfortably.
2. Monitoring begins automatically once the device is on your finger.
3. The device will automatically power off when removed.

Note: The lightweight ring design is intended to relieve fingertip pressure for continuous wear.

3.2 Taking Measurements

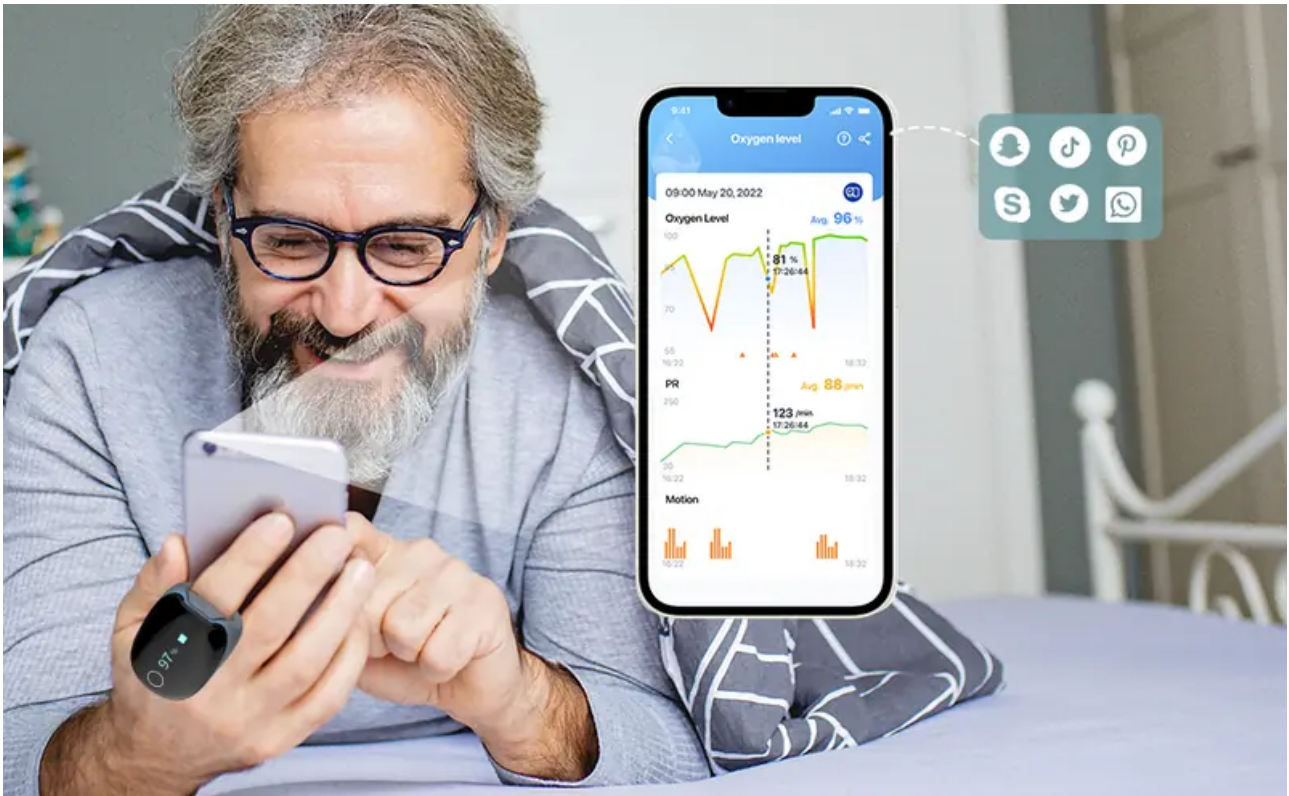
- The device provides real-time SpO2 and heart rate measurements.
- It is designed for continuous tracking, including during sleep.
- It uses research-grade photoplethysmograph (PPG) technology with infrared light to sense body movement and gather data.

3.3 Alarm Function

The ring will vibrate to alert you when your SpO2 reading falls below a threshold you can set in the companion app.

3.4 Data and Connectivity

- The device has built-in memory and works independently.
- To view detailed data and reports, connect the device to the ViATOM app on your smartphone via Bluetooth.
- Data syncs to the app automatically when connected.



Real-Time Data Management

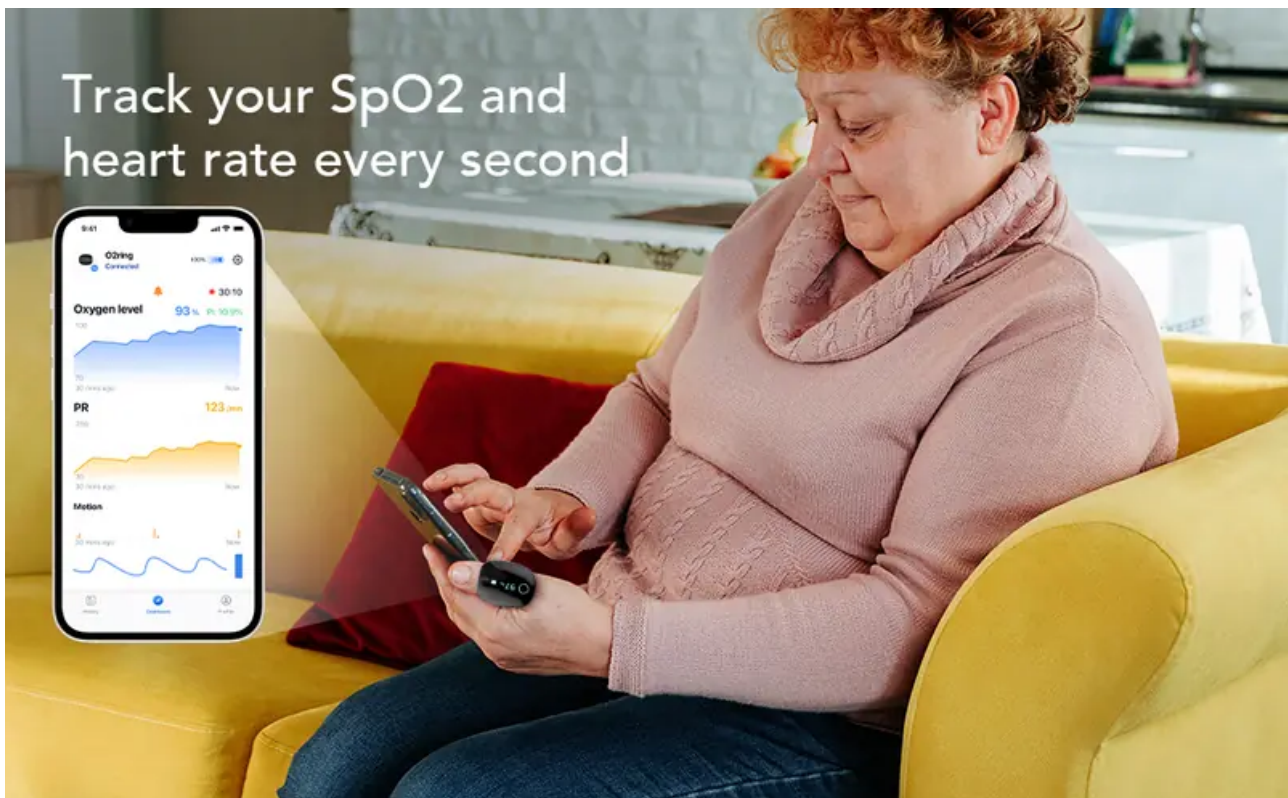
Built in memory, works stand-alone. Your information is always a quick glance away with a larger display. O2ring stores 4 groups of 10-hour data. When the device is connected to the APP via Bluetooth, the data will be uploaded automatically.

3.5 Charging the Device

Use the provided cable to recharge the built-in battery. A full charge provides approximately 12-16 hours of battery life.

4. App and Data Reporting

The companion app allows for detailed data analysis and reporting.



Track your SpO2 and heart rate every second

Track The Data That Matters Easily

The report shows how long your oxygen is below 90%; how many times during a night your oxygen drops over 4%. You can also zoom into the chart to see more details.

- Set alarm thresholds for SpO2.
- Review historical trends for SpO2, heart rate, and body movement.
- Generate reports for personal review or to share with a healthcare professional.
- Data can also be managed and viewed on a PC.

5. Care and Maintenance

- Keep the device clean and dry.
- Use a soft, dry cloth to clean the sensor area.
- Avoid exposing the device to extreme temperatures or moisture.
- Recharge the battery as needed using the provided cable.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

