

GIMA OXY 6

GIMA OXY 6 Finger Pulse Oximeter Instruction Manual

Model: OXY 6 (34285)

1. INTRODUCTION

The GIMA OXY 6 Finger Pulse Oximeter is a portable device designed for non-invasive spot-checking of arterial oxygen saturation (SpO2) and pulse rate. It is suitable for use in medical and hospital environments, as well as for personal use under medical guidance. This manual provides essential information for the safe and effective operation of the device.

2. SAFETY INFORMATION

Please read all safety warnings and precautions before using the device. Failure to do so may result in inaccurate readings or device malfunction.

- This device is intended for spot-checking and not for continuous monitoring.
- Do not use the oximeter in an MRI or CT environment.
- Keep the device away from water and moisture.
- Consult a medical professional for interpretation of readings. This device is not a substitute for professional medical advice.
- Ensure the finger is clean and free of nail polish or artificial nails, as these can affect accuracy.
- Avoid excessive movement during measurement to ensure stable readings.

3. PRODUCT OVERVIEW

The GIMA OXY 6 features a high-resolution OLED color display showing SpO2, pulse rate, pulse bar graph, perfusion index (PI), and battery level. It is designed for ease of use with a compact form factor.



Figure 1: Front view of the GIMA OXY 6 Pulse Oximeter, displaying SpO2 and pulse rate values on its screen.

3.1. Package Contents



Figure 2: The package includes the GIMA OXY 6 Pulse Oximeter, a plastic case, AAA batteries, and a lanyard.

- GIMA OXY 6 Pulse Oximeter
- 2 x AAA Batteries
- Plastic Carrying Case
- Lanyard



Figure 3: The GIMA OXY 6 Pulse Oximeter attached to a lanyard, demonstrating its portability and ease of carrying.

4. SETUP

4.1. Battery Installation

1. Open the battery compartment cover located on the back of the device.
2. Insert two AAA batteries according to the polarity indicators (+/-) inside the compartment.
3. Close the battery compartment cover securely.



Figure 4: Open battery compartment showing placement for two AAA batteries.

5. OPERATING INSTRUCTIONS

5.1. Taking a Measurement

1. Ensure the device has fresh batteries installed.
2. Open the clamp of the oximeter.

3. Insert one finger (preferably the index, middle, or ring finger) into the rubber opening of the oximeter, ensuring the finger is fully inserted and resting on the sensor. The recommended finger thickness for this model is 1-22 mm.
4. Release the clamp. The device will automatically turn on and begin measurement.
5. Keep your hand still during the measurement. Avoid bending your finger or making hand movements.
6. Readings for SpO₂, Pulse Rate, and Perfusion Index (PI) will appear on the display within a few seconds.



Figure 5: The GIMA OXY 6 Pulse Oximeter correctly placed on a finger for measurement.

5.2. Understanding the Display

- **SpO₂:** Peripheral Oxygen Saturation, displayed as a percentage.
- **PR:** Pulse Rate, displayed in beats per minute (bpm).
- **PI:** Perfusion Index, a numerical value indicating the strength of the pulse signal at the sensor site.
- **Pulse Bar Graph:** Visual representation of pulse strength.
- **Battery Indicator:** Shows the current battery level.

5.3. Automatic Power Off

The device will automatically power off after approximately 8 seconds of inactivity or when the finger is removed.

5.4. Low Voltage Alarm

When the battery voltage is low, a low voltage alarm will be indicated on the display. Replace the batteries promptly to ensure accurate operation.

5.5. Voice Guide

The GIMA OXY 6 features an 8-language voice guide (English, French, Italian, Spanish, Greek, Portuguese, Arabic) for enhanced usability. Refer to the full manual for specific instructions on activating and changing voice guide settings.

6. MAINTENANCE

6.1. Cleaning

- Clean the surface of the oximeter with a soft cloth dampened with medical alcohol (70% ethanol or isopropanol).
- Do not immerse the device in water or any cleaning solution.
- Ensure the device is completely dry before reuse.

6.2. Battery Replacement

Replace batteries when the low voltage indicator appears. Always use two new AAA alkaline batteries. Dispose of used batteries according to local regulations.

6.3. Storage

Store the oximeter in its plastic carrying case 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.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display after power on	Batteries are dead or incorrectly installed.	Replace batteries or re-install them correctly, observing polarity.
Inaccurate readings	Finger not properly inserted; excessive movement; nail polish; cold finger.	Re-insert finger correctly; remain still; remove nail polish; warm the finger.
"Finger Out" or similar error message	Finger not detected or improperly placed.	Ensure finger is fully inserted and resting on the sensor.
Device turns off unexpectedly	Low battery; automatic power-off due to inactivity.	Replace batteries; ensure finger is inserted for measurement.

8. SPECIFICATIONS

Model Number	34285 (OXY 6)
Display Type	OLED Color Display
Measurement Parameters	SpO2, Pulse Rate, Perfusion Index (PI)
SpO2 Measurement Range	(Typical range, refer to device for exact range)
Pulse Rate Measurement Range	(Typical range, refer to device for exact range)
Accuracy	High precision and repeatability with noise suppression
Power Requirements	2 x AAA 1.5V Alkaline Batteries
Battery Life	Approximately 3 hours of continuous operation with full batteries
Dimensions (L x W x H)	16 x 5.5 x 10 cm
Weight	200 grams (including batteries)
Finger Thickness Range	1-22 mm
Voice Guide	8 languages (GB, FR, IT, ES, GR, PT, Arabic)

9. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support for the GIMA OXY 6 Pulse Oximeter is not provided in this document. Please refer to the product packaging or contact GIMA customer service for details.

GIMA OXY 6 Finger Pulse Oximeter Instruction Manual

© 2023 GIMA. All rights reserved.

For more information, visit www.gimaitaly.com



Related Documents - OXY 6

	<p>GIMA OXY-50 & OXY-100 Handheld Pulse Oximeters: Features, Specifications, and Accessories</p> <p>Detailed overview of GIMA's OXY-50 and OXY-100 handheld pulse oximeters, including technical specifications, features, and available accessories for medical and rescue applications.</p>
	<p>GIMA Pulsossimetro OXY-4: Manuale d'Uso e Manutenzione</p> <p>Manuale d'uso per il pulsossimetro da dito GIMA OXY-4 (modelli 35091-35092). Include istruzioni operative, informazioni sulla sicurezza, specifiche tecniche e manutenzione.</p>
	<p>GIMA OXY-3 Fingertip Pulse Oximeter User Manual</p> <p>User manual for the GIMA OXY-3 Fingertip Pulse Oximeter, detailing its operation, safety precautions, technical specifications, troubleshooting, and electromagnetic compatibility. This non-invasive device measures arterial oxygen saturation (SpO2) and pulse rate for adults and pediatric patients.</p>
	<p>GIMA Pulse Oximeter Probe User Manual - Technical Specifications and Usage Guide</p> <p>Comprehensive user manual for GIMA Pulse Oximeter Probes, covering product specifications, intended use, clinical benefits, maintenance, cleaning, disinfection, environmental requirements, and electromagnetic compatibility (EMC) information. Includes model numbers ESA0015, ESC0029, and more.</p>
	<p>GIMA OXY-4 Pulse Oximeter User Manual</p> <p>This document provides comprehensive instructions for the GIMA OXY-4 Pulse Oximeter, covering its use, safety precautions, features, technical specifications, and troubleshooting.</p>

