

Finger Tip
PULSE OXIMETER
Blood Oxygen Monitor



User Manual

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What's In the Box

1. 1 x Oximeter
2. 2 x AAA Batteries
3. 1 x User Manual
4. 1 x Lanyard

Product Information

The MOBI® Fingertip Pulse Oximeter is intended for non-invasive spot-check measurement of functional oxygen. It is used to measure blood oxygen level %(SpO_2) and pulse rate through the finger.



Installing/Replacing Battery

- Remove the battery cover by sliding it toward the bottom of the unit.
- Insert or replace 2 x AAA batteries into the battery compartment, ensuring to match the indicating polarity symbols visible on the device. The springs are not an indicator of battery direction. (Always replace batteries with new, unused batteries).
- Place the battery cover on the unit and slide back in place so it snaps closed.

Operating The Oximeter

- Squeeze the white end of the unit to open the clamp.
- Place the unit on the patient's finger, inserting the finger as far as comfortable, covering the black rubber and sensor. The fingernail should be facing up towards the top (OLED screen).
- Release the clamp and allow the device to close on finger. Turn on the device by pressing the 'power' button. The device will display SpO2 and PR (Pulse Rate) after 10 seconds.

Turning Off the Unit

- The unit will automatically be powered off when the device has not been used for longer than 10 seconds

Changing OLED Display and Direction

- This device has 4 screen options to ease the viewing of the measurements while on a patient.
- While the unit is turned on with the home screen being displayed, short press the 'power' button to navigate through the screen display options.

Attaching the Strap

- At the clamp end of the oximeter, on the base of the device you will find a small hole in the center of the base.



- Thread the thin loop through the hole and feed the strap back through itself to attach the strap.

Device Settings

- To enter the settings menu, long press the 'power' button (>0.5seconds).
- There are two sub-menus: Alarm settings and Sound settings.
- To navigate through the menu, move the '*' symbol by pressing the 'power' button
- Short press the 'power' button to move up and down the menu. Long press the 'power' button to change the specific setting where the '*' symbol is on.
- Long press the 'power' button when the '*' is next to the menu name (Alarm/Sound) to switch between the sub menus.
- To exit settings mode, move the " * " icon next to the "Exit" setting option and then hold the power button for 2 seconds.

Instructions For Safe Operation & Use

- Service of this device should be completed by qualified service personnel, do not attempt to service this pulse oximeter yourself.
- Prolonged use of the oximeter may require a periodical change to the site of the sensor.

- It is recommended to change sensor site, check skin integrity, circulatory status, and correct alignment at least every two hours.
- SpO2 measurements may be adversely affected in the presence of high ambient light therefore shield the Oximeter from light during use.

The following medical reasons may cause inaccurate measurements and should be avoided:

- Placement of a sensor on an extremity with a blood pressure monitor/cuff, arterial catheter, or other intravascular line.
- The patient has hypotension or severe vasoconstriction, anemia, or hypothermia.
- The patient is in cardiac arrest.

Technical Specifications

Display Type	OLED display
SpO2	
Measurement range	70% - 99%
Accuracy	±2% from 70% - 99%, unspecified for readings below 70%
Resolution	±1%
Pulse Reader	
Measurement range:	30BPM - 240BPM



Accuracy	± 1 BPM or $\pm 1\%$
Power supply	2AAA 1.5V batteries
Dimensions	60 x 35 x 35 mm
Environment	
Operating Temperature	1°F – 102°F (5°C - 40°C)
Storage temperature	14°F – 102°F (-10°C - 40°C)
Operation humidity	15% - 80%
Storage humidity	10% - 80%
Air pressure	70 – 106 kPa

Product Declaration

Guidance and manufacturers declaration - electromagnetic radiation for other equipment and systems

The MOBI® Fingertip Pulse Oximeter is designed to be used in specified electromagnetic environments. Users of the unit must use it in the following environments:

Radiation Test	Compliance	Electromagnetic Environment – guidance
RF interference CISPR 11	Group 1	RF signal of the Fingertip Pulse Oximeter is simply created by its internal function. Therefore, its RF interference is very low and is not likely to cause any

		interference to nearby electronic equipment
RF interference CISPR	Class B	The Fingertip Pulse Oximeter applies to all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes

Warnings

- Do not mix old and new batteries
- Do not mix alkaline, standard (carbon-zinc) , or rechargeable (ni-cad, ni-mh, etc.) batteries
- Batteries are flammable and may cause fire or explode if the temperature is too high.
- Do not attempt to recharge normal dry-cell batteries, this may cause a leak and may cause fire.
- Do not use the unit in an MRI or CT

Care & Maintenance

- For the best results, replace the batteries when a low voltage symbol is displayed.
- Clean the surface of the fingertip oximeter between each use, using an alcoholic



wipe/swab. Do not get wet or use water to clean this device directly.

- Remove the batteries if you will not operate the oximeter for an extended period to reduce the risk of a battery leak.
- If storing the device, keep the oximeter in an environment with temperatures between (14 - 104°F) and humidity between 10 - 80%.

Note: Please follow local and state guidelines regarding battery disposal.

FCC Statement

This device complies with Part 15 of the FCC Rules Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference.
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to

radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user

is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Limited Product Warranty

MOBI® warrants its products to be free from defects in material and workmanship for a period of (90 Days) from the date of purchase. Should the product prove to be defective at any time during the warranty period, we would either replace or repair the product at our option without charge. After the warranty period, a service charge will



apply for replacement of parts and labor costs. To obtain warranty service, you must return the product complete with its original parts & accessories along with a copy of the original purchase, gift, or registry receipt to us. This warranty does not cover damage caused by any tampering, accident, misuse, abuse, improper maintenance, unauthorized modification, or connection to an improper power supply. There will be a charge for repair caused for such damage. This warranty becomes void upon purchase from an unauthorized, third-party seller. This warranty excludes all incidental or consequential damages and any liability other than stated above.

Extended Manual

Scan to find the most up to date Instruction Manual & Warranty Details.



If you experience issues setting up your device, visit www.mobiusa.com/gethelp.

Email us at service@getmobi.com.

You can also reach us on **+1 (323) 904-3000**,
Monday - Friday, 8:30 AM - 5:00 PM PST.



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