

- Thank you for purchasing the Pluse Oximeter product produced by our company.
- In order for you to use this product safely and correctly.
- Please keep the operating manual properly.

3.4 Operation

- 1.1 Instructions for the safe Operation and Use of the Fingertip Pulse Oximeter Do not attempt to service the Fingertip Pulse Oximeter.Only qualified service personnel should attempt any needed internal servicing.
- Do not use the pulse oximeter in situations where alarms are required. The device has no alarms
- Prolonged use or the condition of patients may require changing the sensor site periodically. Change sensor site and check skin integrity circulatory status and correct alignment at east every 2 hours.
- SpO2 measurements may be adversely affected in the presence of high ambient light. Shield the sensor area (with a surgical towel, or direct sunlight, for example) if
- The following reason will cause interference and defibrillators
- High-frequency electrosurgical.
- Placement of a sensor on an extremity with a blood pressure cuff arterial catheter, or intravascular line.
- The patient has hypotension severe vasoconstriction severe anemia or hypothermia.
- The patient is in cardiac arrest or is in shock.
- Fingernail polish or false fingernails may cause inaccurate SpO2 readings.

1.2Warnings

WARNING: EXPLOSION HAZARD

- Do not use the Oximeter in a flammable atmosphere where concentrations o flammable anesthetics or other materials may occur.
- Do not throw batteries in fire as this may causes them to explode
- Do not attempt to recharge normal dry-cell batteries, they may leak, and may cause a fire or even explode.
- Do not use the Pulse Oximeter in an MRI or CT environment.

CAUTIONS

- Keep the operating environment free of dust vibrations.corrosive.or flammable materials, and extremes of temperature and humidity.
- Do not operate the unit if it is damp or wet because of condensation or spills. Avoid using the equipment immediately after moving it from a cold environment to a warm.humid location.
- Never use sharp or pointed objects to operare the front-panel switches. The batteries must be taken out from the battery compartment if the device will
- not be used for a long time.
- The device shall only be used if the battery cover is closed. The batteries must be properly disposed according to local regulation after their use

1.3 Definitions and symbols

Symbol Description Type BF Equipmen Batch code Date of manufacture Information of manufacture,including name and

Temperature limitation When the end-user wishes to discard this product it must be sent to separate collection facilities for ecovery and recycling. The information you should know to protect patients Warning and medical staff from possible injury.

equipment from possible damage.

The information you should know to protect the

The important information you should know

- · Color display simultaneous display for testing value and plethysmogram.
- · Low perfusion down to 0.3%.

Section 2 Introduction 2.1 General

- · This chapter provides a general description of the Fingertip Pulse Oximeter
- · Brief device description

Products features

2.2 Brief Device Description

- The pulse oximeter based on all digital technology is intended for noninvasive spotcheck measurement of functional oxygen saturation of arterial hemoglobin(SpO2).Advanced DSP algorithm can reduce the influence of motion artifact and improve measurement accuracy of low perfusion .
- The Oximeter can be used to measure human Hemoglobin Saturation and heart rate through finger. The product is suitable for use in family, hospital (including clinical use in internist/surgery, Anesthesia, pediatrics, intensive care and etc.). Oxygen Bar, social medical organizations, physical care in sports and etc.

2.3Product Features

- · Lightweight for carrying and easy to use.
- Manually adjust the direction of interface.

Visual alarm function, real-time snot checks

Installation, Setup and Operation

3.1 Description of the Front Panel



3.11 Parts of front and back panel

- · Low battery voltage indicato
- Automatically switch off.
- Standard two AAA 1.5V Alkaline batteries support more than 20 hours continuous

Section 3



Table 3.1.1 Part Definition and Description

The main parameters

3.3 Parameter setting

urn on the machine, direction change and

Display the SPO2/PRdata and Plethysmogram

arametersetting

Press the power button (>0.5s), the oximeter will enter into parameter setting.

 When the "*" sign is shown on and the 'sounds setup', press the button (> 0.5) and enter into the sounds setting menu, you can press the button in turn to select the item, and press the button to change the data you need. Select

'+' or '-' to increase or decrease the number of settings.

· When the '*' sign is shown on the 'Alm setup' ,press the button (> 0.5s) and enter into the alarm setting menu .Press the button to set the on/off for the alarm

· When the "*" sign is shown on the 'restore' ,press the button (> 0.5s)and tall the settings are back to the factory settings.

Alm	* off
Beep	off
SpO2 Lo	94
PR Hi	130
PR Lo	50
Restore	on
+/-	+
Exit	

3.4.1 Install batteries

Installing two AAA batteries into battery cassette in correct polarities and cover it.

WARNING:Do not attempt to recharge normal alkaline batteries,they may leak and may cause a fire or even an explode.

3.42 Turn the Pulse Oximeter on/off

Put one of fingers into rubber hole of the Oximeter (it is best to put the finger thoroughly)with nail upward, then releasing the clamp.



Press power button to turn on the Pulse Oximeter .The oximeter will automatically be powered off when no finger in the device for longer than 8 seconds.

3.4.3 Read correspondent data from display screen

Section 4

Switch off the power and take out the batteries before cleaning. Keep the exterior surface (di play screen included)of the unit with a dry and soft cloth.Use 75% density of medical alcohol to clean the surface and use dry fabric with a little alcohol to avoid alcohol permeates into the device.

CAUTION:Don't	use strong solve

For example, acetone.

CAUTION:Do not allow any liquid into the product ,and do not immerse any parts

5.1 Maintenance

· Replace the batteries timely when battery indication is low.Clean surface of the pulse Oximeter before it is used in diagnosis for patients.

- · It is better to preserve the product in a place where ambient temperature is 10-40°C and humidity is 10%-80%
- safety and performance of the device.

5.2 Troubleshooting Table 5.2.1 troubleshooting

CAUTION: Never use an abrasive such as steel wool or metal polish.

of the device into any liquids

CAUTION: Avoid pouring liquids on the device while cleaning.

Troubleshpooting and Maintenance

CAUTION:Don't remain any cleaning solution on the surface of the device.

Remove the batteries inside the battery cassette if the Oximeter will not be

- · Regular inspection to make sure that no obvious damage existed to affect the
- · No flammable substance, over top or lower temperature and humidity existed in

Problems	Possible Reason	Resolution	
Oxyhemoglobin or	1.Finger is not plugged	1.Retry by the finger. Try some n	

1.Finger might not be plugged deep enough. 2.Finger is trembling or patient's body is in

- operation conditions.

oblems	Possible Reason	Resolutions
tyhemoglobin or art rate can not shown normally	1.Finger is not plugged correctly. 2.Patient's perfusion is too low to be measured.	1.Retry by plugging the finger. Try some more times. If you can make sure about no problem existing in the produc Please go to a hospita

timely for exact diagnosis. 1.Retry by plugging the 2.Try not to move,let the patient keep clam. movement status.

The Oximeter can not

might be inadequate or not be there at all. 2.Batteries might be installed incorrectly The Oximeter might be damaged.

1. Power of batteries

1.The product is automatically powered off when no signal is The screen are detected longer than 8 seconds.

2.Power quantity of the batteries is exhausted.

Fingertip Pulse Oximeter Specifications: Physical Characteristics

Weight:50g (including 2 AAA batteries)

1 Please replace hatteries 2.Please reinstall the

3.Please contact with local customer service center.

2.Replace the batteries.

Dimension: 63.7 mm(L)×35 mm(W)×36.5 mm(H)

Anti-electronic Shock Type:Internally powered equipment Anti-electronic Shock Degree:Type BF equipment

EMC:Type B class I

Mode of operation:Continuous Operation Enclosure Degree of ingress Protection:IPX1

Internal	2 AAA 1.5V batteries
Power consumption	Smaller than 30mA (Normal)

Operating Temperature Storage Temperature Relative Humidity

Environmental requirements

arm default value	
arameter	Value
lemoglobin saturation	Bottom limit:94
ulse rate	Upper limit:130 Bottom limit:50

-20°C-55°C

15%-80% non-condensing

Parameters		Value
Hemoglobir	saturation display	35-100%
Pulse rate d	isplay	30-250 BPM
Resolution	Hemoglobin saturation	1%
	Pulse rate	1 BPM
Measure Accuracy	Hemoglobin saturation	2%(70%-100%) Unspecified(≦70%)
	Pulse rate	2 BPM

MEDTECH®

Name

Power button

Panel

After switch on ,the display of the Oximeter is as follow

3.2 Display

OXYGARD OG 05 Pulse Oxy meter WARRANTY CARD Subject to Mumbai Jurisdiction only

Serial No. Invoice No. Date: Name and Address Stamp and Signature

OXYGARD PULSE OXYMETER OG 05

MFG by: MEDTECH LIFE PVT.LTD. Regd. address: B6, Byculla Service Industries, Off D. K. Marg, Byculla, Mumbai-400 027, Maharashtra, INDIA.

AR0897-01-01

For Consumer complaint, Please contact Consumer Care Officer at Regd. address ■/⑤ +91 720 8088 720 support@medtechlife.com

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Artwork no.	Date	Rev. Details
AR0897-00-00		
AR0897-01-01	20/08/2024	Change in Address & Dimension

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Date	Rev. Details
20/08/2024	Change in Address & Dimension