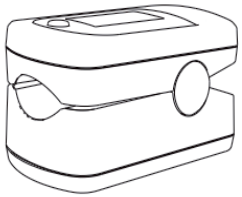
Lifemax

1440 - Fingertip Pulse Oximeter



Thank you for purchasing the
Lifemax Fingertip Pulse Oximeter.

Small, simple to use and reliable this device will give you an early warning if your oxygen levels or pulse rate fall to a dangerous level.

This device is similar to that used by health professionals and paramedics around the world to monitor Chronic Obstructive Pulmonary Diseases (COPD) including Emphysema, Ashtma and Bronchitis.

Operating Instructions

1) Switch the Pulse Oximeter on by pressing the button on the display panel.
2) Clip the Pulse Oximeter to your fore finger or middle finger, such that your fingernail is directly below the display panel and the ball of your finger covers the light sensor cut-out.
3) Allow the Oximeter to generate a stable waveform (3-4s) with a regular pulse represented by the moving bar chart.
4) Observe of your SpO2 (%) and pulse rate (bpm).
5) When finished, unclip the Pulse Oximeter from your finger. The unit will automatically turn off after 20s.
6) Re-testing is recommended after 2 hours.

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Precautions

This Pulse Oximeter is not suitable for use on newborn or infants and should not be used for continuos monitoring.

Patients, particularly those with sensitive skin, should vary the finger tested to reduce the risk of blisters or pressure necrosis.

If you are unsure of the accuracy of the device, please check vital signs using alternative means. Inaccurate measurements can be cause by the following:

- Ambient light radiation
- Patient movement
- Low perfusion
- Electromagentic interference from electrical equipment or mobile telephones
- Nail polish

Shock, Anemia, low-temperature or vasoconstrictor may cause the artery blood to be too low to measure.

Patients who regularly smoke may have high instances of CO, causing the increase of hemoglobin CO.

Patients with severe jaundice will have high bilirubin which can cause high SpO results.

Troubleshooting

SpO2 or pulse rate incorrect

Finger is incorrectly inserted.
Reinsert finger ensuring your fingernail is directly below the display panel and the ball of your finger covers the light sensor cut-out.

SpO2 or pulse rate erratic

Finger is incorrectly inserted.
Reinsert finger ensuring your fingernail is directly below the display panel and the ball of your finger covers the light sensor cut-out.

Finger trembling or patient moving.
Ensure patient remains still.

Oximeter does not turn on

Batteries are expired, missing or incorrectly installed.
Re-install / replace the batteries.

The Oximeter is damaged.
See warranty details.

Oximeter screen suddenly turns off

Batteries have expired.
Replace the batteries.

The Oximeter has automatically powered off due to a period of inactivity.
Follow operating instructions to re-test.

Battery Installation

Batteries should be replaced when the low-voltage indicator is displayed. Please install batteries as follows:

1) Slide the rear of the Oximeter in the direction of the arrow.
2) Install 2 x AAA batteries, observing the correct polarity.
3) Replace the rear of the Oximeter.

Batteries should be removed from the Oximeter if it is to remain unused for an extended period.

Maintenance

The surface of the Pulse Oximeter should be cleaned using a moist cloth or disinfected with medical alcohol.

Do not use caustic or abrasive detergent to clean, as this may damage the unit.

The device should be stored in a dry environment. Powering the unit up for three hours per three months can help to prevent damage from moisture.

Do not pour or spray liquids on to the Oximeter or its accessories.

Specification

This Pulse Oximeter is intended to measure oxygen saturation of arterial hemoglobin (SpO2) and pulse rate.

Display Type:	Colour OLED Display
SpO2 Measurement	
Range:	35% --100%
Resolution:	1%
Accuracy:	+/-2% (70% ~ 99%).
Pulse Rate Measurement	
Range:	30bpm ~ 250bpm
Resolution:	1bpm
Accuracy:	Larger of 1% / 1bpm
Power Supply:	2 x 1.5v AAA alkaline batteries
Working Current:	20mA ~ 130mA
Battery Life:	Not less than 12 hours
Safety Type:	Interiror battery, type BF
Light Sensor:	Red light (662nm ~ 666nm 7mW) Infrared light (890mm ~ 900nm 5.5mW)
Date Update Cycle:	Not more than 12s
Dimensions:	39x35x32mm @ 50g (inc. batteries)
Environment Req.:	
Operation Temperature:	5 - 40 °C
Environment Humidity:	≤ 80%
Atmosphere Pressure:	86 - 106 kPa

Low Perfusion Error: SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.2%

Resistance to Ambient Light Interference: The deviation between SpO2 measured in natural light/artifical light and measured in darkness is +/-1%

Warranty

In the unlikely event that your item develops a manufacturing fault, it is covered by a one year, return to base warranty when you return the card below.

Your warranty is only valid with the original receipt, please ensure that you keep this safe. Your warranty runs for 12 months from the date of purchase.

If your product develops a defect during the warranty period, please call the helpline number for further advice. If instructed, please pack your item securely and return, enclosing your contact details, proof or purchase and fault details.

We will, at our discretion, repair or exchange the item in line with warranty legislation. Where no proof of purchase is provided, or the product is outside the warranty period, repairs/replacements will be offered to the customer at a cost.

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Name: _____

Address: _____

_____

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Email: _____

Retailer: _____

Date of Purchase: _____

We would like to keep you up to date with other helpful products. If you would rather we did not, please tick here ☐

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