

Non Invasive Medical Pulse Oximeter Accurate Oxygen Monitoring Device

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ACCARE
- Certification: CE/CFDA/RoHS/FCC/ISO13485/FDA
- Model Number: FS-10F
- Minimum Order Quantity: 200PCS
- Price: 8~12USD
- Packaging Details: OPP packing , 200pcs Per Carton

 accurate



Product Specification

- Safety Standard: EN ISO13485.2016
- Power Source: Electric
- After-Sale Service: Return And Replacement
- Material: Plastic
- Shelf Life: One Years
- Instrument Classification: Class II
- Highlight: **Medical Pulse Oximeter Accurate,
Non Invasive Medical Pulse Oximeter,
Accurate Oxygen Monitoring Device**

Product Description

Medical Pulse Oximeter Technology Offers Accurate And Non-Invasive Oxygen Monitoring For Patients

Medical pulse oximeter technology is a non-invasive medical device that measures the oxygen saturation levels in a patient's blood. It works by emitting a beam of light through a patient's skin, which measures the amount of oxygen that is being carried by the hemoglobin in their blood. This information is then displayed on a screen, giving healthcare providers a quick and accurate reading of a patient's oxygen levels. Pulse oximeters are commonly used in hospitals, clinics, and physician offices, as well as in home healthcare settings, to monitor patients with respiratory conditions such as asthma, COPD, or COVID-19.

The Oximeter principle is as follows: An experience formula of data process is established using Lambert-Beer Law according to Spectrum Absorption Characteristics of Reductive Hemoglobin (Hb) and Oxyhemoglobin (HbO₂) in glow & near-infrared zones. The instrument's operation principle is: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology so that two beams of different wavelength of lights can be focused onto human nail tip through perspective clamp finger-type sensor. Then measured signal can be obtained by a photosensitive element, information acquired through which will be shown on screen through treatment in electronic circuits and microprocessors.

One of the main benefits of pulse oximeters is that they provide a quick and accurate reading of a patient's oxygen levels, without the need for invasive procedures such as drawing blood. This makes them particularly useful for monitoring patients who are at risk of developing hypoxemia (low blood oxygen levels), such as those with respiratory conditions like asthma, COPD, or COVID-19.

Pulse oximeters are also very portable and easy to use, which makes them ideal for home healthcare settings. Many patients with chronic respiratory conditions use pulse oximeters to monitor their oxygen levels on a regular basis, and they can provide valuable information to healthcare providers about how well a patient's treatment is working.

It's worth noting that while pulse oximeters are generally very accurate, there are some factors that can affect their readings. For example, if a patient has poor circulation or is very cold, the device may not be able to get an accurate reading. Additionally, some medical conditions, such as anemia or carbon monoxide poisoning, can also affect the accuracy of pulse oximeter readings.

Package Contents:

- 1*Pulse Oximeter
- 1*One hanging rope
- 1*User Manual
- 1*Storage bag

Package Contents



Optional configuration: protective bag, silicone protective cover.



Shenzhen Emeng Health Technology Co., LTD

+86 13760822077

kaylayi0612@foxmail.com

oxygenconcentratormedical.com

Room D, 7th Floor, Guang Long Building, 162 Ping Xin North Road, PingHu Street, LongGang District, ShenZhen