

5 reasons for the Geratherm® oxy one

- ✓ Fast measurement in 8 seconds
- ✓ High measuring accuracy thanks to a precision sensor
- ✓ High-definition screen with a large display for easy reading
- ✓ A signal sounds if the blood oxygen level is too low
- ✓ Ideal for on-the-road



How does a finger pulse oximeter work?

The Geratherm® oxy one works with red and infrared light for the determination of blood oxygen. The finger inserted into the device directs light through the finger from the underside. The sensor on the opposite side measures how much light has escaped and uses this to calculate the oxygen saturation.

What's behind it? Oxygen-rich blood can absorb more infrared light than oxygen-poor blood. So if less light reaches the sensor, the blood is rich in oxygen.

In addition, our algorithm excludes noise in the tissue from the calculation and therefore provides you with a reliable result even outside of a doctor's appointment.

The display of your pulse oximeter shows...



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Geratherm® oxy one

Pulse oximeter- for quick determination of oxygen saturation



Oxygen and pulse are always in view

PLU/MC/09001/V01

A pulse oximeter for your medicine chest...

Oxygen saturation and the pulse are among the most important vital functions of the body. Especially our brain, must be constantly supplied with sufficient oxygen. It is therefore important to regularly check the level of oxygen in the blood, especially in the case of Covid and other illnesses that can be associated with shortness of breath.

It is also important to monitor oxygen levels and pulse in the case of lung diseases such as asthma, COPD or heart disease and pseudocroup.

Oxygen deficiency can only be detected with the eye much later by a blue coloration of the mucous membranes. This condition can be detected much earlier with a pulse oximeter.

The device is very easy to use. Place your finger in the device so that you are looking at the display and your fingernails. Start the device and wait a moment for the result.



... or for leisure sports.

Pulse oximeters can also be useful for athletes, especially in high-altitude or endurance sports. At high altitudes, it is important to monitor your own oxygen saturation because there is less oxygen in the air. Altitude sickness is caused by reduced oxygen saturation at high altitudes and is usually only diagnosed by symptoms. Symptoms may include headaches, tiredness, loss of appetite, excitability, shortness of breath, or confusion. A very severe oxygen deficiency can result in serious damage to the brain or heart.

By monitoring the values, you can get a better overview of your own performance and adjust your training or tours accordingly.

Questions and Answers

Who can use the pulse oximeter?

The Geratherm® oxy one is suitable for measurement on the fingers of adults. The thickness of a finger should be between 8 and 25,4 mm.

How do I use the Geratherm® oxy one?

To take a measurement, place your finger in the center of the sensor. Make sure that your fingernail is pointing upwards. You should not move yourself or your finger during the measurement. This could lead to errors in the measurement.

What can affect the measurement?

The measurement can be affected by fake nails or nail polish, excessive light, moisture in the device or through poor pulse quality. For further factors please refer to the instruction for use.

When should I not use the device?

It should not be used on fingers with injuries. In addition, it should not be used to measure oxygen levels when you have low blood pressure.

