

Pulse Oximetry

Pulse oximetry is a simple, economic and non-invasive diagnostic procedure used to measure the level of oxygen (or oxygen saturation) in the blood. **Oxygen saturation should be higher than 94% but might be lower in case of respiratory diseases or congenital cardiac diseases.** It is possible to measure the level of oxygen saturation in the blood with a pulse oximeter, a device with a sensor, similar to a clip, which has to be placed on a thin part of the body, like a finger.

Oxygen saturation measures which percentage of hemoglobin, the protein in blood that carries oxygen, is loaded. It is therefore a fundamental parameter for the evaluation of respiratory functions. To take the measurement, the device passes two wavelengths of light through the body part (finger) to a photodetector.

People with a low oxygen saturation value are more likely to experience the following symptoms: shortness of breath, increased heart rate, weakness, nervousness and outbreaks of sweating. If oxygen saturation is known to be chronically diminished, it requires monitoring using the pulse oximeter under medical supervision.

The pulse oximeter is particularly suitable for patients at risk such as people with heart diseases or asthma, but also for athletes and healthy people who exercise at high altitude (e.g. mountaineers, skiers or amateur pilots).

Why you should use a pulse oximeter

Light and smart

To use everywhere

Suitable for patients at risk such as people with heart diseases or asthma



OXYGEN PO01

Pulse oximeter



Oxygen Saturation (SpO₂)



Heart rhythm (pulse)



Display with 4 different perspectives



3-Year Warranty

Medel **OXYGEN PO01** pulse oximeter measures Oxygen Saturation (SpO₂) and Heart rate (pulse). Small and light, for use at home and on the move. It comes with an easy-to-read display with 4 different views available.

Medel OXYGEN PO01 is suitable for persons with: heart failure, chronic obstructive pulmonary diseases, bronchial asthma.

Class IIa Medical Device.



USEFUL FOR ATHLETES AND AT HIGH ALTITUDE



Low battery indicator



Automatic switch-off



Bag included

Oxygen saturation indicator

Pulse indicator



TECHNICAL SPECIFICATIONS

Technology	Non-invasive measurement of the arterial oxygen saturation (SpO ₂) and the heart rate (pulse rate) on finger
Accuracy	SpO ₂ 70 – 100%, +/- 2%, Pulse 30-250 bpm, +/- 2 heart beats /minute
Measurement range	SpO ₂ 0 – 100%, pulse 0 – 254 heart beats /minuto
Power supply	2 alkaline AAA 1,5V
Oxygen Saturation indicator	✓
Heart rythm indicator (Heart beats/min.)	✓
Pleth wave	✓
Battery indicator	✓
Heart beats column	✓
Size	L 61 x P 36 x A 32 cm



ACCESSORIES

- Belt bag • Retaining strap

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