



Oxygen
saturation



Heart-
beat



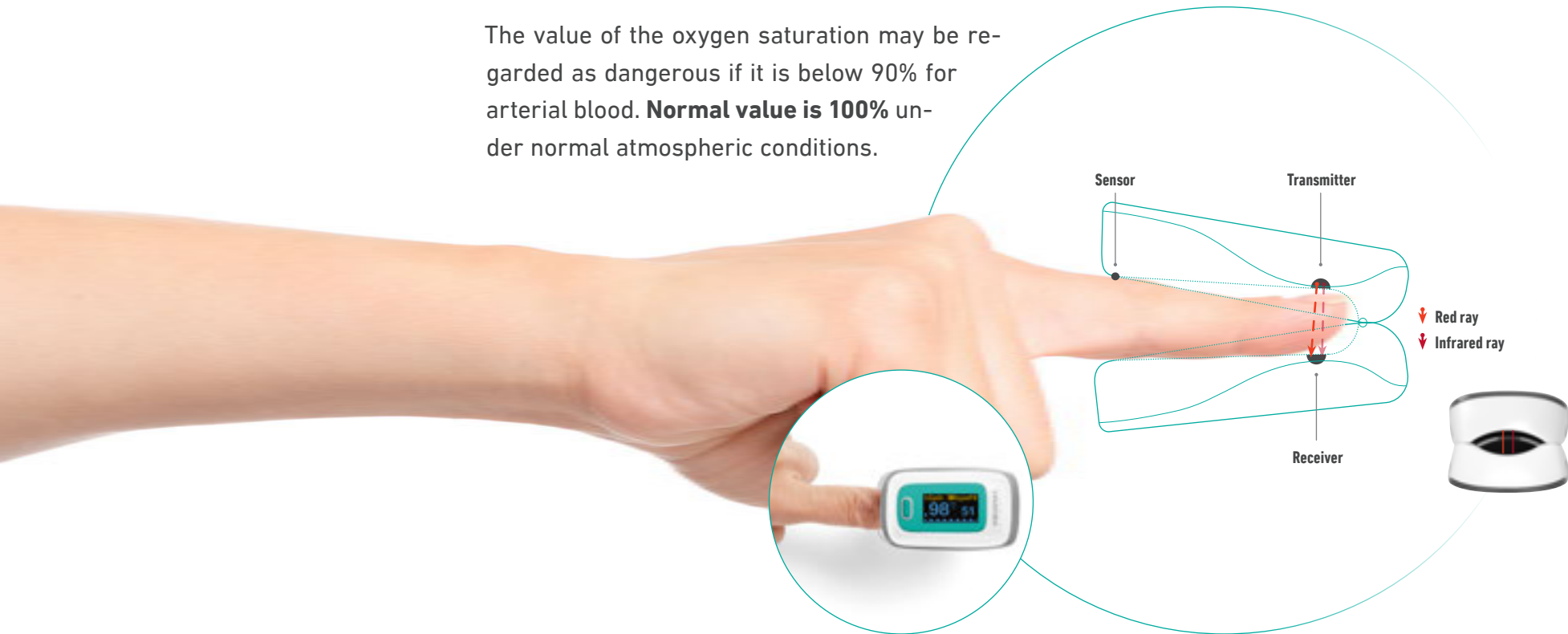
Perfusion
index

Pulse oximetry

A pulse oximeter means that the **quantity of oxygen with which the blood is saturated can be measured (SpO₂)**. This process has been used regularly for twenty years enables the condition of patients with **respiratory diseases** or **infections** (chronic obstructive pulmonary disease, bronchial asthma) to be monitored.

The principle used for operating pulse oximeters is based on the blood absorption capacity of red and infrared lights emitted by the sensor located at the end of the finger according to their oxygen saturation.

The value of the oxygen saturation may be regarded as dangerous if it is below 90% for arterial blood. **Normal value is 100%** under normal atmospheric conditions.

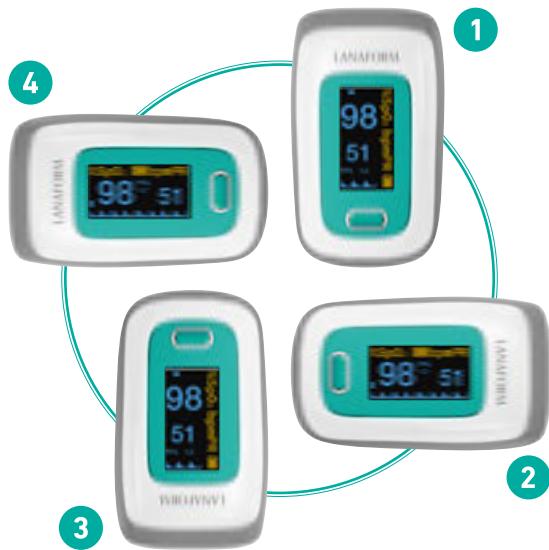


A multi-functional oximeter

What's more, the pulse oximeter means that the heart rate (pulse) can be measured, as can the perfusion index (PI).

The perfusion index (PI) shows the strength of the arterial pulse. It can be used as a diagnostic tool when there are low infusions for accurately preventing a severe failure.

The perfusion index (PI) must be between 0.3% and 20%. It fluctuates depending on the patient, the measuring point and physical state.



A multi-parameter screen

In addition to measuring the oxygen saturation in the blood, the heart rate and perfusion index, you will also be able to set several parameters such as:

- Four-way display,
- Graphic display of pulse and oxygen saturation in the blood,
- Adjustment of alert ranges for heart rate and blood oxygen saturation:
 - Blood oxygen saturation (50% ~ 100%)
 - Pulse rate (25 bpm ~ 250 bpm)
- Adjustment of its alarm,
- Screen brightness.



Features

- Simple and completely pain-free measuring process
- Small and light - for use in the home or while travelling
- Particularly suited to people suffering from:
 - Heart failure
 - Chronic obstructive pulmonary disease
 - Bronchial asthma
- Can also be used during high-altitude sports (e.g. mountaineering, skiing, sports and leisure aviation)
- Reporting when there is an inaccurate measurement
- OLED screen colour with 4 perspectives
- Display with 4 views available
- Adjustable screen brightness
- Pulse graph display
- Low battery alert
- Switches off automatically
- The following are included: Wrist strap, belt pocket and 2 AAA batteries
- Medical device



Master Cardboard Dimensions

45.0 × 26.0 × 27.0 cm



Master Cardboard Weight

8.300 kg



Colour Boxes / Master Cardboard

100



Colour Box Dimensions

5.0 × 6.0 × 8.7 cm



Colour Box Weight

0.080 kg



Voltage

3V (2 × AAA)



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