




PULSE OXIMETER 

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- Digital Technology.
- Ultra low power consumption.
- Easy to operate.
- The measurement is accurate.

The pictures are for reference only.
The products are mainly in kind.

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■ Note: please read the user manual carefully before using and follow the instructions to install the product.

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PULSE FINGERTIP 
Oximeter



Lk87

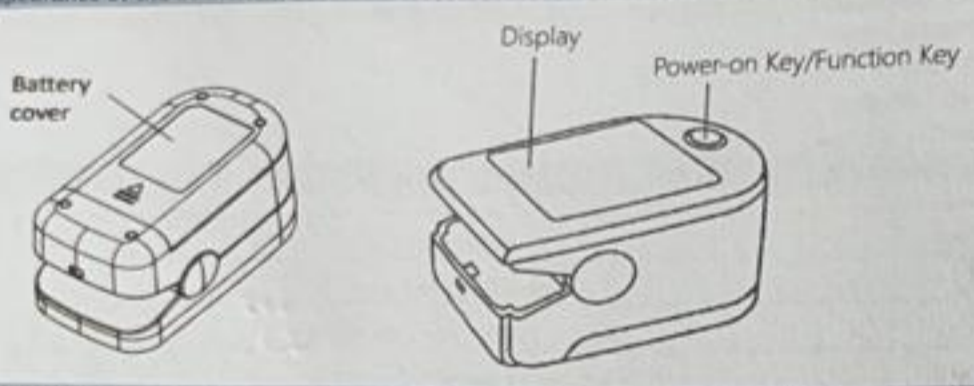
- Easy-to-read two color TFT display
- Low battery indicator
- Particularly suitable for persons with: Heart failure, chronic obstructive pulmonary diseases, bronchial asthma,
- Incl. retaining strap and belt pouch
- Suitable for sports at high altitudes (e.g. mountaineering, skiing and aviation sports)

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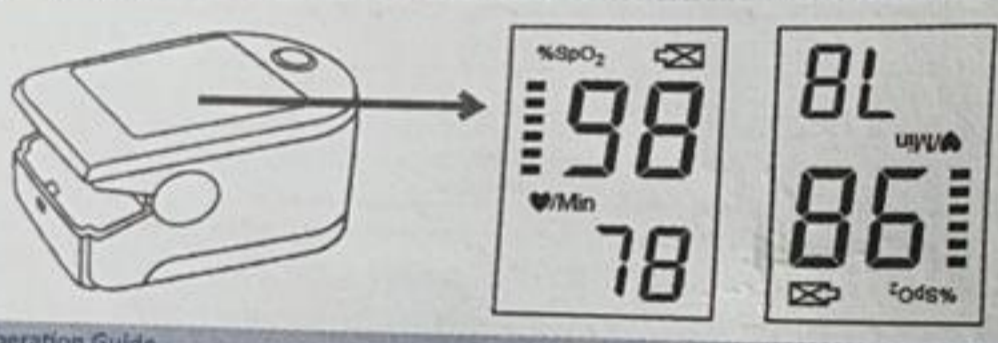
FC  CE



Appearance of the structure



Screen Display



Operation Guide

Stick one finger completely into the measuring parts of the Oximeter, keep the fingernail surface upward, and release the clip. Then press the power button to power on the Oximeter.

- ⚠ If you do not yet completely insert your finger into the cavity, the measurement result may be inaccurate.
- ⚠ Do not vibrate your finger during measurement. Preferably, ensure that your body does not move. After the readings become stable, read the measured values of oxygen saturation and the pulse rate on the screen.



NOTE: The Oximeter will automatically shut down 10 seconds later after your finger leaves away.

Replace the batteries

- ⚠ Replace the batteries when the battery capacity is insufficient and the symbol (□) flickers on the screen.
- Open the battery cover with your fingers, you can replace the batteries according to the correct battery polarity.

Technical Specifications

1. Display mode: LED display
2. Blood oxygen saturation: measuring range: 70% ~ 99%
Measurement accuracy: ± 2% within 70% ~ 99%, ≤ 70%, accuracy is not defined
Resolution: blood oxygen saturation ± 1%

3. Pulse rate: Measuring range: 30BPM ~ 240BPM
Measurement accuracy: ± 1BPM or 1% of the measured value
4. Battery model: 2 AAA 1.5V alkaline batteries
5. Power consumption: less than 30mA
6. Automatic shutdown: when no finger is inserted, it will shut down automatically
- Dimensions: 60mmx32mmx35mm
8. Operating environment: Operating temperature: 5 °C ~ 40 °C
Storage temperature: -10 °C ~ 40 °C
Ambient humidity: 15% ~ 80% working 10% ~ 80% storage
Atmospheric pressure: 70kPa ~ 106kPa
- Disclaimer: The EMC of this product follows the IEC60601-1-1-2 standard
10. Pulse wave measurement sensitivity under weak perfusion conditions
The necessary test equipment (BIO-TEK NDEX pulse oximeter) can measure the pulse wave signal with an amplitude of 6% of the analog pulse wave signal
11. Anti-interference ability of ambient light: use BIO-TEK INDEX pulse oximeter to apply interference signal test, the instrument can work normally.

Cleaning

Power off the instrument and remove the batteries before cleaning. Ensure that the instrument is neat, dust-free, and dirt-free. Clean the outer surface of the instrument (the LED screen) using 75% medical alcohol and a piece of dry soft cloth.
Caution: Avoid liquid flowing into the instrument during cleaning.
Caution: Do not immerse any part of the instrument into any liquid.

Disinfection

Before measurement with the instrument, wipe the rubber finger pad using a piece of cloth dipped with 75% medical alcohol. Clean the finger to be measured using the same method for disinfection purposes before and after using.
⚠ Do not disinfect the instrument by means of high-temperature /high-pressure disinfection.

Maintenance

- Remove the batteries from the battery slot and properly store them if you do not use the Oximeter for a long period of time.
- Avoid using the Oximeter in an environment with inflammable gases or using it in an environment where the temperature or humidity is excessively high or low.
- Check the accuracy of the oxygen saturation and pulse rate readings by using a pulse calibration apparatus.