

FARMAQO

FARMAQO Bluetooth Pulse Oximeter

User manual · English · Version 2.0 · September 2026

IMPORTANT: The pulse oximeter is an auxiliary device. Do not use it as the sole basis for a medical diagnosis or as a long-term continuous monitor.

Quick start

1. Insert two 1.5 V AAA alkaline batteries, observing the polarity shown inside the compartment.
2. Open the clip and fully insert a finger into the rubber chamber, with the nail facing upwards.
3. Press the main button to turn on the device and start a measurement.
4. Keep your finger and body still and wait for the display to stabilise.
5. Remove your finger after reading the result. With no detected signal, the device automatically enters standby after about 8 seconds.

SpO₂: blood oxygen saturation · PR / BPM: pulse rate · PI: perfusion index.

FARMAQO · ASIN B095SVKHDX

1. Safety and precautions

Read all instructions before use. These precautions reflect the manufacturer's instructions supplied with the product.

Environment and use

- Do not use the device together with MRI or CT equipment.
- Explosion hazard: do not use it where flammable anaesthetic gases are present.
- Interpret readings in light of the clinical condition. Readings alone are not a diagnosis.
- Do not use as a long-term continuous monitor.
- For repeated or prolonged use, regularly check the skin and circulation at the measurement site. The manufacturer recommends changing the site at most every 2 hours, according to the circumstances.

Sensor, skin and cleaning

- Check the sensor contact area and the condition of the skin regularly to confirm adequate circulation.
- Do not fasten the sensor tightly to the finger with adhesive tape: this may affect circulation and accuracy.
- Do not sterilise by autoclave, high pressure or ethylene oxide; do not immerse in liquid disinfectant.
- Wipe contact surfaces with a soft cloth lightly moistened with medical alcohol and allow to dry before reuse.

Conditions that may affect readings

- Movement or shaking of the patient or finger; incorrect positioning.
- Strong ambient light, including direct light or infrared light.
- Nail varnish, shiny nails or certain dyes in the blood.
- Low perfusion, severe hypotension, vasoconstriction, severe anaemia or hypothermia.
- Cardiac arrest or shock.
- Interference from high-frequency medical equipment or a defibrillator.
- Measuring on a limb whose circulation is simultaneously affected by a blood pressure cuff.
- Abnormal haemoglobin forms (for example carboxyhaemoglobin or methaemoglobin) or intravascular dyes.

2. Using the device and reading the display

The OLED display may show SpO₂ (%), pulse rate (PR/BPM), perfusion index (PI %) and a plethysmographic waveform representing the pulse signal. The layout depends on screen orientation.

1. Insert the two AAA batteries according to the + and – symbols and close the cover.
2. Insert your finger sufficiently far into the rubber chamber, nail facing upwards.
3. Press the button to switch on the oximeter and start detection.
4. Avoid moving your finger or body during the measurement.
5. A short press of the button may change the screen orientation.
6. The device turns off or goes into standby after about 8 seconds without a signal.
7. When the low-battery icon appears, replace both batteries.

Settings and factory reset

Hold the main button for about 3 seconds to open the settings menu; use short presses to cycle through options. The manufacturer's manual describes, among other things, the SpO₂ and PR thresholds. Select "Exit" and hold the button to return to the measurement display. FARMAQO factory reset procedure: turn on the device, hold the button for about 3 seconds, scroll to "Restorer / Restore", hold until "ON" appears, select "EXIT" and hold to leave the menu.

3. Technical specifications

Specifications are taken from the supplied manufacturer documentation. The markings on your device take precedence.

Display	Two-colour OLED
SpO ₂ : measuring range	70%–99%
SpO ₂ : accuracy	± 2% from 70% to 99%; undefined below 70%
SpO ₂ : resolution	1%
Pulse: range	30–240 BPM
Pulse: accuracy	± 1 BPM or ± 1% of the measured value, whichever is greater
Power	Two 1.5 V AAA alkaline batteries
Current	< 30 mA

Automatic shut-off	About 8 s without signal
Dimensions (manual)	Approx. 58 × 36 × 33 mm
Operating temperature	5 °C–40 °C
Operating humidity	15%–80%
Storage temperature	–10 °C–40 °C
Storage humidity	10%–80%
Atmospheric pressure	70–106 kPa
Standard on manufacturer certificate	EN 60601-1-2:2015

Measurement principle: the oximeter uses red and infrared light and analyses their relative absorption through the finger to estimate oxygen saturation and pulse rate.

4. Bluetooth and the AiLink app

Supplementary product documentation refers to the AiLink app. Its interface may change with updates.

1. Search for and install “AiLink” from the App Store or Google Play.
2. Enable Bluetooth on your phone. Some Android phones may require permission for location or nearby devices.
3. Insert the batteries and turn on the oximeter.
4. Open AiLink and choose “Add Device”.
5. Start scanning and select “OXIMETER” when it appears.
6. Take a reading; compatible data will appear in the app.

If connection fails, check that the oximeter is on, Bluetooth is enabled and AiLink has the required permissions. Restart the search in the app.

5. History, profiles and app limitations

The supplementary documentation indicates that after choosing the device you can view its saved measurement history. The “Friends” and “My” features allow data sharing and adding members or profiles. Available features may differ across AiLink versions.

App history or synchronisation does not turn the device into a continuous overnight monitor. It is not designed for long-term continuous monitoring.

6. Troubleshooting

Before troubleshooting, use two good AAA batteries, check polarity, insert your finger properly and keep still.

Unexpected SpO₂ or pulse

Finger not fully inserted, poor measuring conditions or a genuinely low value. Repeat under suitable conditions. If an abnormal value is confirmed, seek advice from a healthcare professional.

Unstable readings

Insert the finger correctly and keep still.

Device does not start

Replace batteries and check polarity. If the issue continues, contact customer support.

Screen turns off

Normal after about 8 seconds with no signal; otherwise replace the batteries.

Bluetooth not detected

Enable Bluetooth and required permissions, switch the oximeter back on and search again in AiLink.

“LOW BATT” message

Replace both AAA batteries with new ones, observing polarity.

Frequently asked questions: compare two devices under the same conditions (same person, resting, warm and motionless hand, stable display). Do not use this model for continuous overnight monitoring. After changing batteries, check polarity and take another reading. If necessary, use “Restorer / Restore” as described in section 2.

7. Care, storage and product information

- Wipe contact surfaces with a soft cloth lightly moistened with medical alcohol and leave to dry.
- Do not pour liquid into the device or immerse it.
- Remove the batteries before long storage to reduce the risk of leaks.
- Observe the temperature and humidity limits in the technical specifications.

Manufacturer details from the supplied certificate: product “Pulse Oximeter”; Shenzhen Hengaixin Technology Co., Ltd., 1403, 14th floor, Silicon Valley building 49, No. 3, Queshanyunfeng Road, Gaofeng community, Dalang Street, Longhua, Shenzhen, China. Material: ABS. Dimensions on the certificate: 58 × 33 × 32 mm (different from the manual). Standard listed: EN 60601-1-2:2015.

For the exact regulatory information relating to your unit (model, batch, markings and declaration of conformity), refer first to the device, packaging and supplied compliance documents.

FARMAQO support: contact us through your Amazon order or farmaqo.fr. Provide your order number and, if possible, a photo or short video of the problem.

Translation of the text of FARMAQO French customer manual v2 (September 2026), based on the supplied manufacturer manual “Bluetooth Pulse Oximeter Manual 2021” and supplementary AiLink documentation. Illustrative examples in the French edition are not reproduced here; consult that edition for the images.