

Penetrating fingertip oximeter

Medical grade products

Can accurately measure blood oxygen saturation and pulse rate when blood flow is low



Support four-way display
more convenient to read

Real-time monitoring or continuous
dynamic monitoring



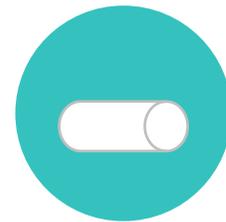
Blood oxygen saturation

SpO2



Pulse rate

PR



Perfusion index

Pi



Heart rate variability index

HRV

Configuration and use

Seiko quality and excellent performance

Measuring range

Blood oxygen saturation:70~100% | Pulse rate:25-240(BPM) | Blood perfusion index : 0.025%-20%

Screen

Clear and intuitive, easy to view
0.96 OLED High-resolution display with adjustable rotating color screen

Battery

Two AAA batteries(Need to purchase separately)

Wear

High-quality springs
Use flexible and moderate spring and soft finger contact material, comfortable to wear without pressure

APP

Bluetooth interconnected data cloud storage

Application and use

This product can measure the functional blood oxygen saturation (SpO2), pulse rate and perfusion index PI of arterial hemoglobin. It is suitable for adults, children and neonates in non-exercise state, patients with sufficient or insufficient blood flow perfusion Can be used.

Used in medical institutions, mobile environments and home environments.

GOODIX 5515+Silicon Labs 1182

Shell

High-quality shell health and environmental protection
Medical grade plastic material, flame retardant and environmentally friendly, durable and lightweight, excellent hands-on experience.

Core

Self-developed algorithm MCU

Health management terminal application-optional configuration

Data is applied to achieve more

- Real-time measurement through APP, data storage ;
- Display, track, and data trends on compatible terminal devices ;
- Waveform drawing, dynamic trend tracking ;
- Automatically record and store data and trends ;
- Share data to social media ;



IOS | Android

Description of measurement index

Passed FDA | CFDA | CE certification, can support medical device certification in other countries or organizations



Blood oxygen saturation

SpO₂

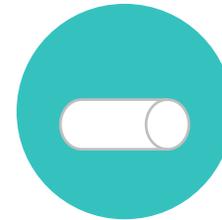
Reflect the blood oxygen level in the blood, used to indicate the body due to heart or lung function. Changes caused by the use of oxygen or altitude; low blood oxygen concentration will cause insufficient oxygen supply to the body.



Pulse rate

PR

The heart's pulse rate per minute, when the exercise and emotion are excited, the pulse can be increased, and the rest, Sleep slows the pulse; the measurement of pulse rate has important clinical significance, and the pulse change can be used as a doctor's diagnosis basis to indicate the overall health status.



Perfusion index

Pi

The blood flow intensity of the finger indicates the change of blood circulation and reflects the perfusion ability of the pulsatile blood flow at the monitoring site; the larger the Pi value, the better the limb perfusion.



Heart rate variability index

HRV

The change of the difference of successive heartbeat cycles, which contains neurohumoral factors. The information regulated by the system, so as to judge the condition and prevention of cardiovascular and other diseases, may be a valuable indicator of arrhythmic events.

Innovation only for healthier

High-quality hardware with built-in powerful software algorithms

Project \ Configuration	Ordinary market	Our product	Remarks
Blood oxygen saturation	Support	Support	Oxygen level in the blood, used to indicate due to heart or lung function
Pulse rate	Support	Support	Heart pulse rate per minute to indicate overall health or exercise level at any time
Perfusion index	X	Support	The intensity of blood flow in the finger indicates changes in blood circulation.
Pulse waveform	X	Support	Dynamic pulse rate graph drawing is updated every second, intuitively and effectively tracking trend changes.
Heart rate variability index	X	Support	Reflects the activity, balance and related pathological status of the autonomic nervous system of the heart.
Bluetooth interconnection	X	Support	Built-in Bluetooth low energy interconnection module.
APP Support	X	Support	Widely support IOS and Android system versions.
Data cloud storage	X	Support	Monitoring data can be stored in the cloud or locally;
Data trends	X	APP Display	You can view the monitoring data of each monitoring individually or the trend analysis of continuous monitoring;
Measurement record	X	Support	Continuous monitoring for more than 10 seconds, the data will be recorded; a single continuous monitoring data can be recorded up to 8 hours;
Signal sampling	16 bits	24 bits	The higher the number of digits, the higher the resolution, the shorter the data delay, and the health index will be reflected in more real time;
Detection sensor	Docing	AFE	More comprehensive information and high data accuracy;
Automatic monitoring	X	Support	No need to press the button to start every time, put in the finger, automatically detect the position of the finger, start detection;
Automatic shut-down	Support	Support	Fingerless state lasts for 8S, the device will automatically shut down, energy saving and environmental protection, long-lasting standby;
Low battery reminder	Support	Support	At low power, remind users to replace batteries in time;
Application upgrade	X	Support	Support OTA upgrade, data reuse analysis application upgrade, create more use value;

Reference resources

Panel and Parameter



Health Management APP

IOS Android | Data re application

Real time measurement, waveform drawing data storage
Historical records and stored data and trend analysis
Share and share data to social media



Finger clip pulse oximeter

Support Bluetooth Internet app

Support data cloud storage, trend analysis, sharing and Application on mobile terminal
Real time monitoring or continuous dynamic monitoring of health data



Excellent performance

GOODIX 5515 | Silicon labs 1182

High performance MCU of self-developed algorithm

SpO2: 70-100% | PR: 25-240 (BPM) | Perfusion index: 0.025% - 20%

High quality Excellent experience

Silicone finger mold, Delicate and soft, Durable and light
Medical grade plastic material, Health and environmental protection

