

Uni Shape Motion Accelerator

User Manual

Please read this manual carefully before using the product.

Please store this manual in the place where you can get it at any time.

● Packing List

1. Please check the following components before use. Contact your supplier if any items are missing.
2. For damaged parts, please purchase matching replacements from our authorized dealers.

No.	Packing List	Quantity
1	Uni Shape Motion Accelerator Long Pants	1
2	Uni Shape Motion Accelerator Shorts	1
3	Main Unit	1
4	Smart Ring	1
5	USB Charging Cable (for Main Unit)	1
6	Magnetic Charging Cable (for Smart Ring)	1
7	Charging Case	1
8	Sport Bag	1
9	Laundry Bag	1
10	User Manual & Warranty Card (Combined)	1

● Product Composition

Motion Accelerator, Main Unit, Smart Ring; Charging Case.

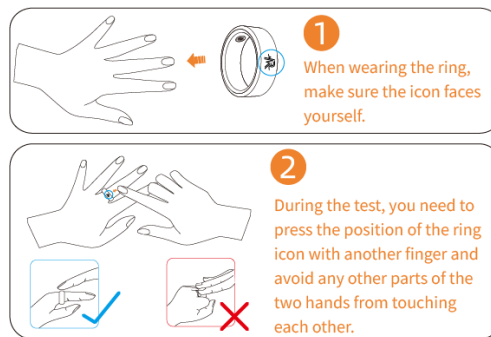
● Operating Instructions

1. Put on the motion accelerator, ensuring the electrode pads are in close contact with your skin.
2. Align the main unit with the waist slide groove and push it in until you hear a "beep", indicating it is installed correctly. The main unit will power on automatically, and the indicator light will stay solid blue, indicating the unit is connected to the network and ready for

operation.



3. Wear the smart ring on a suitable finger (middle or index finger) for more effective data measurement.



Note: Measurement results from this product are for reference only and are not intended for any medical purposes. Please follow your doctor's guidance. Do not use the results for self-diagnosis or treatment.

4. After exercise, exit the APP; simultaneously slide out the Main Unit, which will automatically power off.

5. Wipe the Main Unit and electrode pads with a damp cloth, then place them in the storage case and keep in a clean, safe environment.

- ✧ If the skin is dry, moisten the skin and electrode pads with water first
- ✧ When using for the first time, it is recommended to use from a low gear, familiarize yourself with the sensation of the stimulation, and then slowly increase the gear after adapting
- ✧ The intensity level can be adjusted using the buttons on the main unit or within the APP.

Status Description	Indicator Light Status
Main Unit	
Powered ON (sufficient battery)	Solid Green
Network connected (powered ON, sufficient battery)	Solid Blue
Powered OFF	All lights off
Low Battery	Red Flashing
Charging	Red Flashing
Fully Charged	Solid Green
Smart Ring	
Charging	Solid Red
Fully Charged	Solid Green
Heart Rate Testing	Green Flashing
Blood Oxygen Testing	Red Flashing

● APP Download & Registration & Login

(1) Scan the QR code below or search "uni shape" in your mobile device's app store to download and install the app.



(2) Registration/Login

a. New User Registration: Open the app, click "Register", enter your mobile number/email address and password, and complete the verification steps as prompted. Read and agree to the "Service Agreement" and "Privacy Policy".

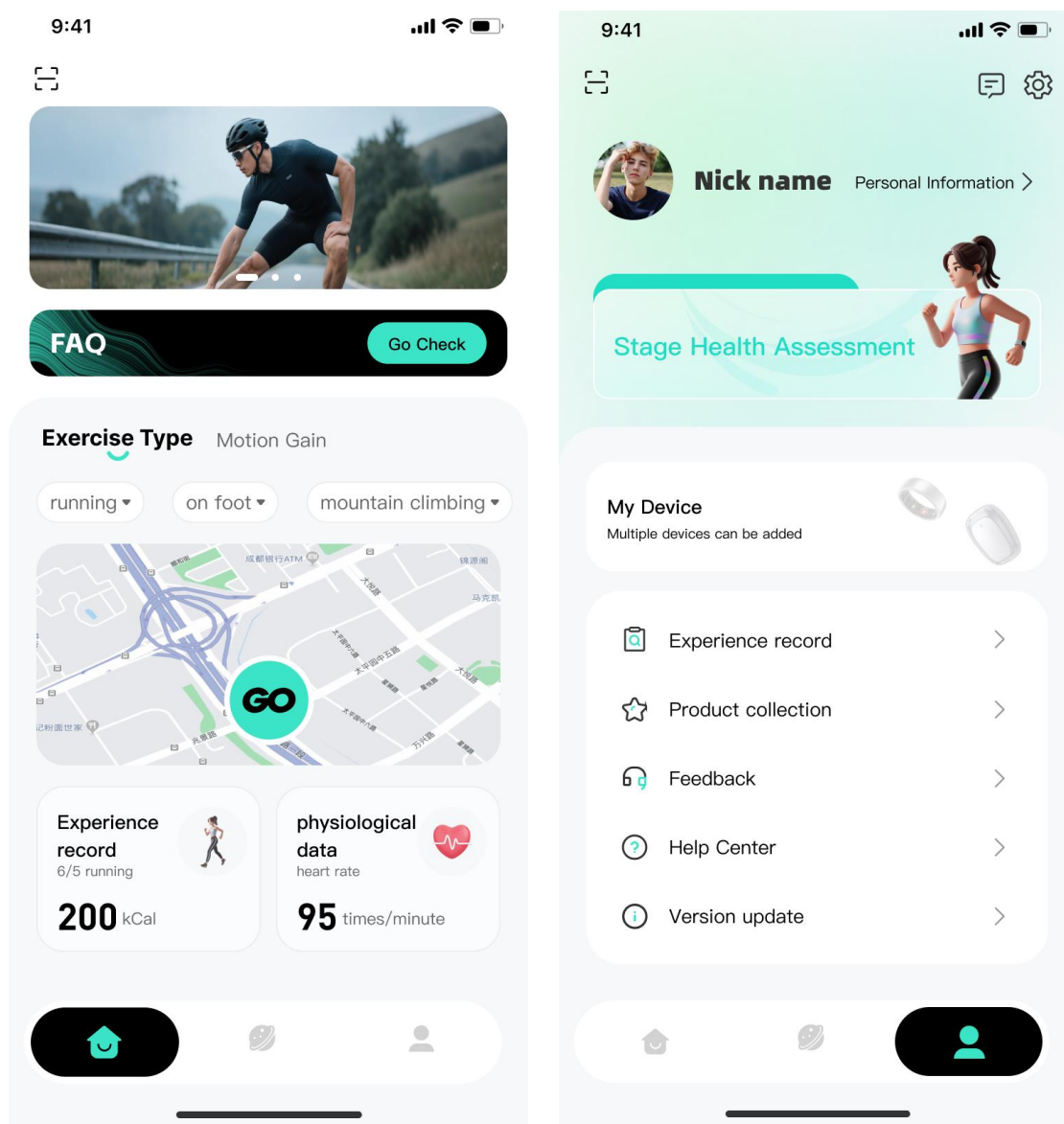
b. Existing Account Login: Click "Login", enter your mobile number/email and password, or log in using a third-party social media account.

(3) Add Device

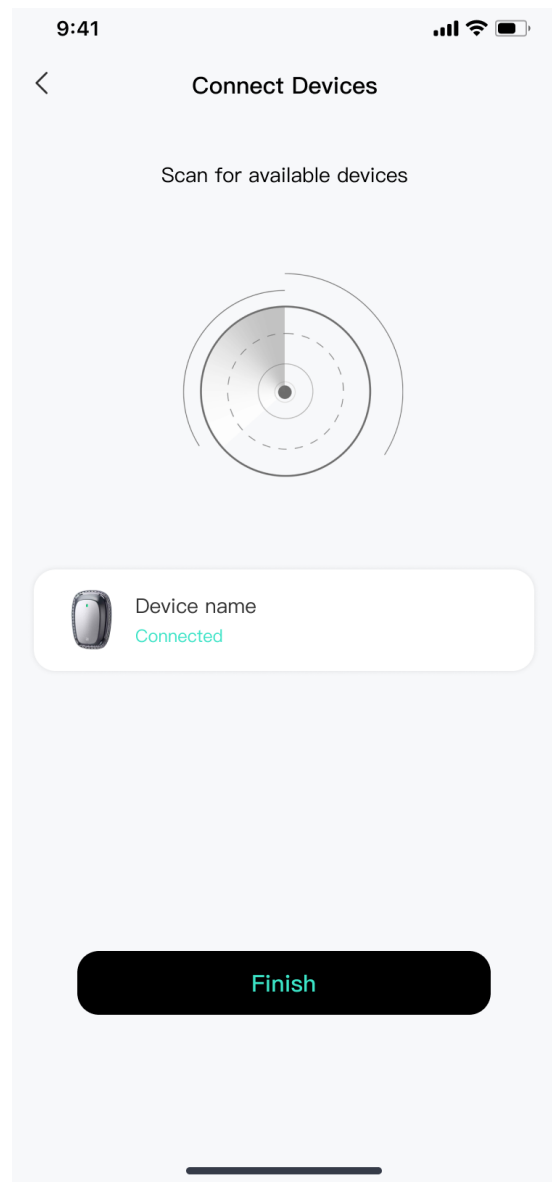
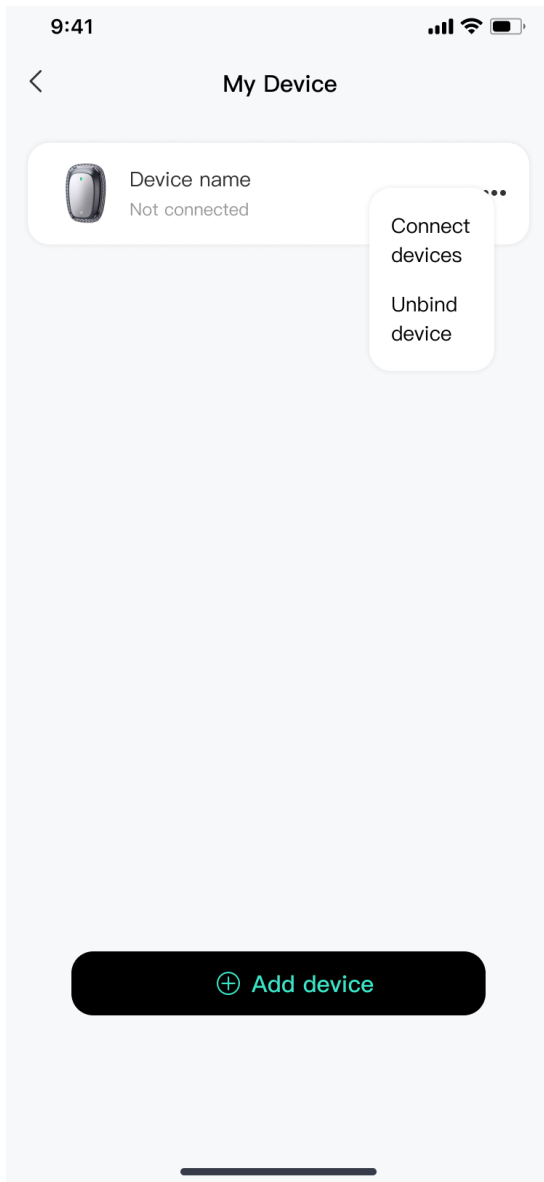
Ensure your phone's Bluetooth is turned on and the main unit is powered on. Go to "My page" -> "My Device" to add the device.

● Binding & Connecting the Device

1. Click the "☐" icon on the Home, Community, or My page, or go to My Device -> Add Device. Scan the QR code on the button box to bind the device.



2. My Device -> Connect Devices



3. Connection Successful

● APP Features

(1) Scenario-Based Waveform Mode Adaptation

Based on sports biomechanics characteristics and muscle group activation requirements, a multi-scenario exercise type selection module is constructed, covering four core sports scenarios: running, hiking, mountaineering, and cycling. Each scenario matches a dedicated electrical stimulation waveform mode, achieving precise synergy between stimulation and movement.

(2) Exercise Experience Enhancement

Centered around physiological needs at different stages (pre-, during, and post-exercise), four

types of programs are provided: Warm-up, Enhancement, Lactic Acid Removal, and Recovery, forming a closed-loop for improving exercise performance and preventing injury.

(3) Multi-Dimensional Real-Time Physiological Data Acquisition System

Through linkage with the smart ring terminal, a non-invasive physiological data monitoring module is established, enabling real-time acquisition and transmission of seven core physiological indicators: ECG, Sleep, Heart Rate, Blood Pressure, Blood Oxygen, Body Temperature, and Blood Glucose, providing data support for exercise intervention and health assessment.

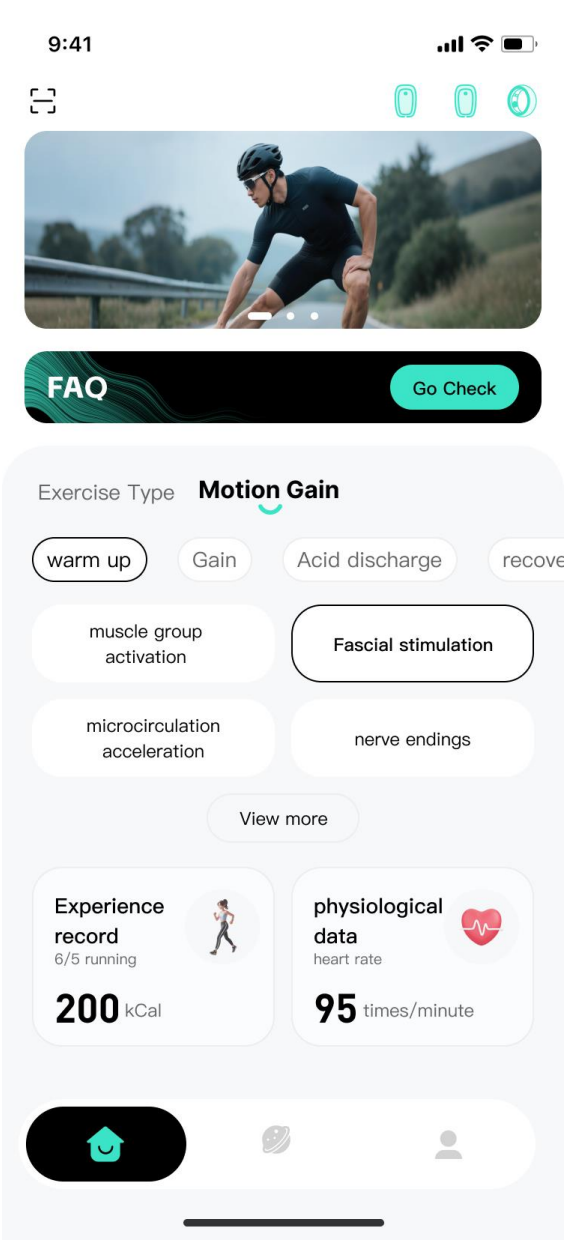
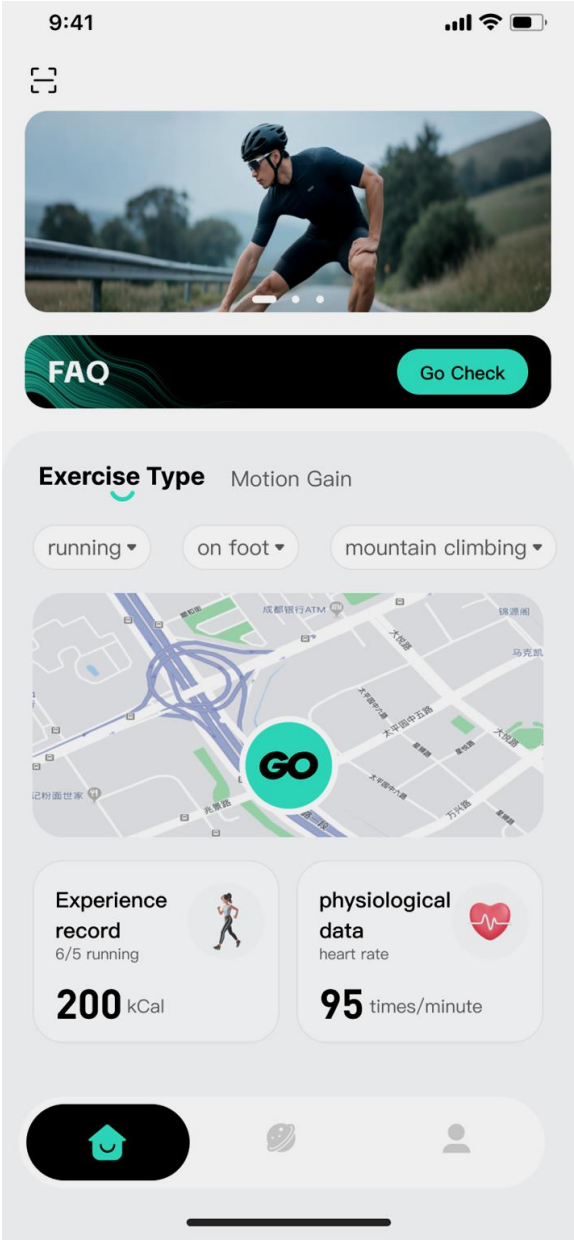
(4) Visualization and Sharing of Exercise Metabolic Data

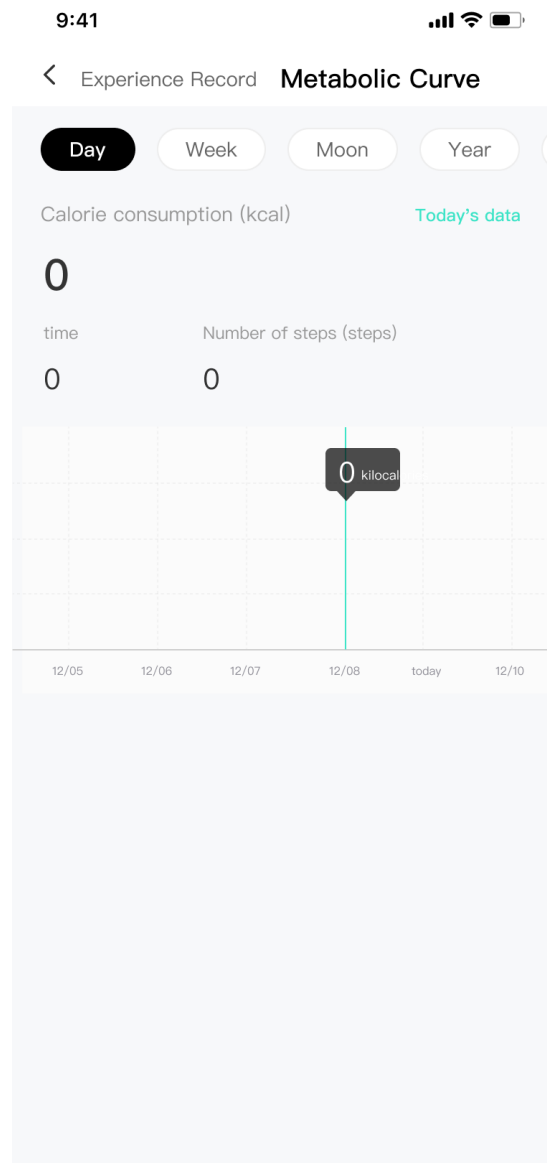
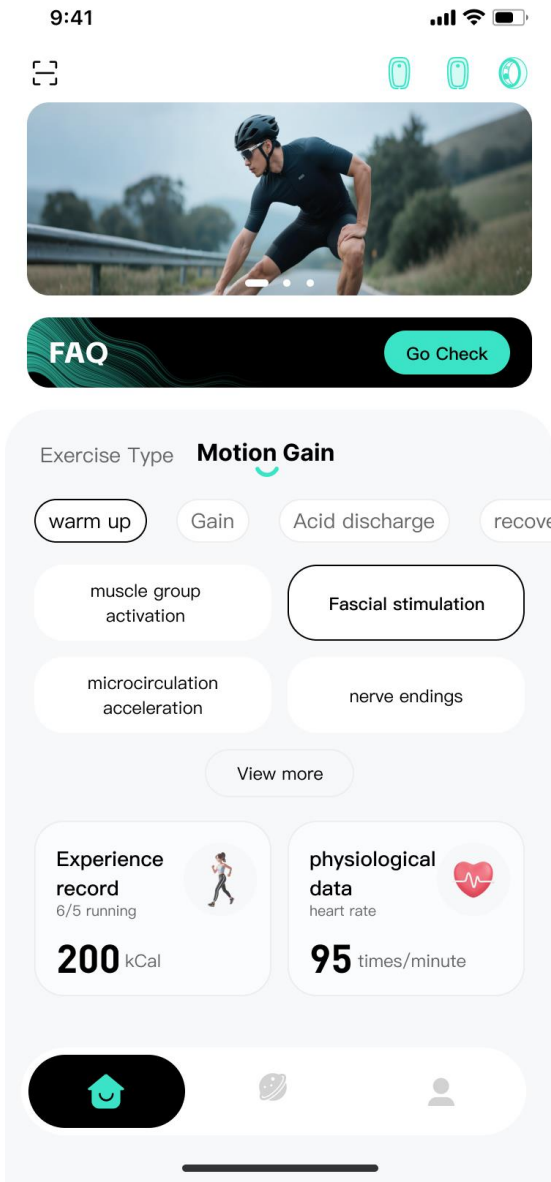
A deep analysis module for exercise metabolic data is constructed. Post-exercise, a multi-dimensional exercise report is automatically generated, simultaneously presenting daily metabolic details, and supporting data sharing to quantify exercise effects and enable social interaction:

- ◆ Single Exercise Report: Includes four core metabolic indicators: Basal Metabolic Rate, Exercise Metabolic Consumption, EOS Exercise Gain, and Delayed Gain, along with associated data such as heart rate, exercise duration, distance, and pace.
- ◆ Daily Metabolic Details: Integrates metabolic consumption data from all exercises of the day, calculates Total Daily Energy Expenditure (TDEE), and generates metabolic trend charts.

(5) Periodic Health Assessment

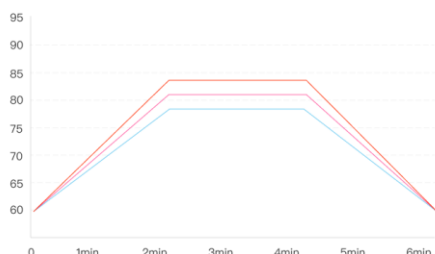
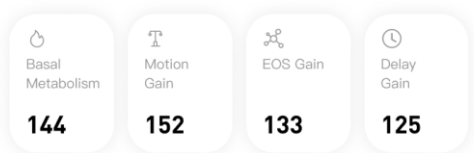
Based on user historical exercise data and physiological monitoring data, provides periodic assessments and exercise recommendations.



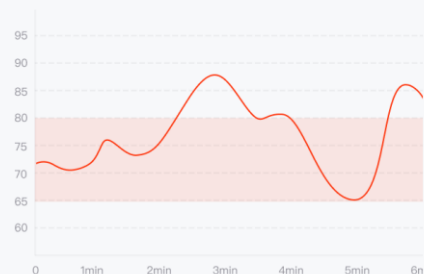


Fascial stimulation

Metabolic Curve



- Total calories consumed ____ Thousands
- Average heart rate ____ beats/minute



The analysis shows that the heart rate is overall stable, the pace fluctuation is small, and the EOS efficiency is significant. Compared with the last exercise of the same distance, the total time is shortened, the pace is increased, EOS metabolism is increased, exercise efficiency is significantly improved, fat loss is significant, and endurance is improved; at the same time,

health assessment

week moon Year

June 2-June 8

Metabolic analysis

Average daily basal metabolism

— kilocalories

EOS stimulates metabolism

— kilocalories

This week's metabolic data shows stable and efficient characteristics, when the exercise duration exceeds 40 minutes At that time, the metabolic value generally exceeded 190 kcal, reflecting the metabolic superposition effect of continuous stimulation. answer.

Exercise advice

In the last 1 km, the speed is controlled according to the heart rate reserve of 70% to avoid the heart rate exceeding the anaerobic threshold; every morning Start with 5 minutes of HRV training (respiration rate 6 times/min) to stabilize the heart rate; every Arrange a low-intensity recovery run on Thursday (the pace corresponds to 55%–60% of VO_{2max}), reduce Low limit indicator occurrence rate.

● Specifications

Product	Main Unit	Smart Ring	Charging case
Model	CHE03	R30 ECG	CHA03

Device Weight	30g (including battery)	4.2g (including battery)	110g (including battery)
Device Dimensions	53 * 35 * 15 mm	/	115.1 * 51.9 * 31.2 mm
Color	Blue Gray	Black	Blue Gray
Features	/	ECG monitoring,accurate heart rate monitoring,blood oxygen monitoring,body temperture monitoring,blood pressure monitoring(photoelectric detection),sleep monitoring	/
Service Life	5 years	5 years	5 years
Battery Capacity	560mAH	15mAH	1900mAH
Charging Rating	DC5V	DC5V	DC5V
Battery Voltage	DC3.8V (Rechargeable Polymer Lithium Battery)	DC3.7V (Rechargeable Polymer Lithium Battery)	DC3.7V (Rechargeable Polymer Lithium Battery)
Battery Cycle Life	≥300 cycles	≥300 cycles	≥300 cycles
Output Voltage	≤50V	/	DC5.05±0.2V
Output Frequency	0.5HZ-14000HZ	/	/
Output Pulse Width	10us-1500us	/	/
Operating Temp & Humidity	10℃-40℃, 30%-75%RH	10℃-40℃, 30%-75%RH	10℃-40℃, 30%-75%RH
Storage/Transport Temp & Humidity	-5℃-35℃, 10%-75%RH	-5℃-35℃, 10%-75%RH	-5℃-35℃, 10%-75%RH
Operating Atmospheric	860-1060hPa	860-1060hPa	860-1060hPa

Pressure			
Storage/Transport Atmospheric Pressure	500-1060hPa	500-1060hPa	500-1060hPa

● Washing conditions



Hand wash or machine wash using a laundry bag



Cleaned with soft agent



Do not Iron



Do not tumble dry



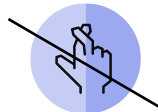
Do not bleach



Water temperature should not exceed 40°C



Lay flat to dry in shade



Do not wring

● Precautions



Danger

- **ABSOLUTELY DO NOT use together with the following medical electronic devices to avoid interference and potential injury:**
 - Cardiac pacemakers and other implanted medical electronic devices
 - Life-sustaining medical electronic instruments such as artificial hearts/ lungs
 - Electrocardiograph and other medical electronic equipment
- **PROHIBITED for use in flammable and explosive environments such as gas stations, high-dust workshops...**



Warning

- If the patient uses high-frequency surgical equipment and motion accelerator at the same

time on the body, burns may occur at the electrode locations, and the motion accelerator may be damaged.

- If the device is used near (< 1 m) shortwave or microwave treatment equipment, the output may be unstable.
- The electrode should avoid contact with wounds and scars during fitness.
- The electrodes should not be placed near the heart in the chest during exercise because they increase the risk of cardiac fibrillation.
- The product is recommended for use by a single user. If used by different users, clean the electrode pads before use.
- When using the product, ensure the electrode pads are firmly and evenly attached to the skin.
- This product contains lithium batteries. Do not disassemble, modify, immerse in water, or throw into fire, as this may cause product damage or explosion.
- Do not use on or near the heart, above the neck, head, mouth, genitals, or on areas with skin diseases.
- Do not apply pressure over internal organs. Otherwise, accidents or physical discomfort may occur.
- Do not use with other medical devices at the same time, otherwise it may cause nausea or discomfort.
- Do not use for purposes other than fitness as described in the instruction manual, otherwise accidents and failures may occur.
- Do not use electrode pads that are chipped, cracked, or otherwise damaged.
- Please do not disassemble, repair or transform this product without authorization, otherwise it may lead to failure or electric shock.

In the following cases, please consult doctor before use. Otherwise, accidents or physical discomfort may occur:

- Patients who are being treated and feel physically abnormal.
- Patients with infectious diseases.
- Patients with abnormal heart and brain nerves.
- Patients with skin sensory impairment or skin abnormalities.
- Patients with a body temperature exceeding 38°C (fever period).
- Patients taking medication.
- Patients who are not free to express their wishes.
- Patients with sensory disorders due to high peripheral circulation disorders such as diabetes mellitus.

The following circumstances are prohibited:

Malignant tumor patient
Pregnant women and parturients
Pacemaker user
Near the body heart
Patients with bleeding tendencies
Patients with acute suppurative inflammation
Spastic paralyser
People with blood clotting disorders
Patients with cramping period after cerebrovascular accident
People with severe cognitive impairment
Individuals with abnormal neural excitability
Unconsciousness, limb bone joint contracture deformity

**Attention**

- Please read the instructions before use.
- If you feel uncomfortable, please stop immediately. Please consult your doctor and follow your doctor's advice.
- Patients with a history of cerebrovascular accidents should not place electrodes on the head/brain area.
- Do not insert or remove the charging cable with wet hands; otherwise, electric shock or an accident may occur.
- Do not use it at bedtime, otherwise it may cause product malfunction, and the electrode may be moved to other parts and cause physical discomfort.
- Do not use when driving the car, otherwise it may cause physical discomfort due to excessive stimulation, leading to accidents.
- Do not stick the electrode on the affected area for a long time, otherwise it may cause dermatitis.
- When exercising, do not let the metal part of the belt, necklace and other items contact the electrode, otherwise you may receive a strong electric shock.
- It is recommended that the duration of a single exercise should not exceed 30 minutes, otherwise it may cause muscle fatigue in the fitness part and cause physical discomfort.
- Please wear the product correctly, otherwise accidents or physical discomfort may occur.
- When unplugging the charging cable from the product body, do not pull the wire, but hold the plug of the wire to pull out, otherwise it may cause electric shock or damage the product.
- Please make sure that the host button works properly before use.
- When using for the first time, or the battery power loss after the product is shelved for a

long time, please charge according to the instruction manual to ensure that it can work normally.

- When discarding the product, please dispose according to the relevant environmental protection regulations of the city, otherwise it may cause environmental pollution.
- Recommended for people 16 years old and above.



Do not use or store in the following places:

- Places exposed to direct sunlight
- High temperature and humidity places
- Places with water
- Dusty places
- Near fireworks
- Places that are susceptible to vibration and impact
- Strong electromagnetic places

Usage and storage environment

Please use this device within the temperature range of 10-40°C, and store the device and accessories within the temperature range of -5°C-35°C. When the ambient temperature is too high or too low, it may cause device failure.

● Precautions for Product Disposal

Please support the recycling of rechargeable batteries (lithium-ion batteries)

 Danger	The battery used in this product is a dedicated rechargeable battery and must not be used in other products. Do not charge the rechargeable battery that has been taken out. ● Do not throw into fire or expose to excessive heat ● Do not pierce with nails, gravity impact or disintegrate ● Do not connect the positive and negative battery terminals directly with metal ● Do not store it with necklaces, hair clips, etc ● Do not charge, use or place in high temperature places such as near the stove or under the hot sun The above actions may cause overheating, fire, or rupture.
 Warning	Keep the rechargeable battery out of reach of infants and young children to prevent swallowing ● In case of ingestion, seek medical attention immediately ● If battery fluid leaks, do not touch the liquid with bare hands and handle it as follows: When the battery liquid enters the eyes, there is a risk of blindness, do not rub the eyes with your hands directly, rinse immediately with water and seek medical attention. If the battery liquid is on the body or clothing, it may cause skin inflammation or injury, rinse with water, and seek medical attention immediately if you still feel uncomfortable ● The product can be disintegrated only when it is discarded. Failure to comply may result in fire, electric shock, injury and other accidents. If you need repair (except battery replacement), please consult your dealer

The lithium-ion battery used in this product is a valuable resource that can be recycled.

Please hand it over to a professional organization capable of recycling rechargeable batteries for disposal when it is used and discarded. Before disposing of the appliance, the battery must be removed. The appliance must be powered off when the battery is removed. Batteries should be disposed safely.

● Storage Recycling

 Environmental Use Period	The "Environmental Use Period" for this product is 10 years. The company formulates this period based on the product design characteristics. Only when this product is used under normal circumstances described in the instructions, the "environmental use period" is valid.
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Marking for the Presence and Content of Hazardous Substances

Hazardous Substances and Elements						
Part Name	Harmful Substance					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Hardware	X	O	O	O	O	O
Plastic	O	O	O	O	O	O
Circuit board	X	O	O	O	O	O
Battery	X	O	O	O	O	O
This form is prepared in accordance with the regulations of SJ/T11364. O: Indicates that the content of this hazardous substance in all homogeneous materials of this part is below the limit requirements specified in GB/T 26572. X: Indicates that the content of this hazardous substance in at least one homogeneous material of this part exceeds the limit requirements specified in GB/T 26572. The label "X" are unable to achieve the replacement of harmful substances due to the limitation of global technology development level.						

Note:

1. For other components and their homogeneous materials not listed in the above table, this product does not contain hazardous substances.
 2. All components and their homogeneous materials containing hazardous substances in the above table meet the strict requirements of China's ROHS on the use of harmful substances.
- Please use it with confidence.

● After-sales warranty service card

Dear Customer, Thank you for purchasing our product. In order to serve you better. After buying the product, please read it carefully, fill in and keep this warranty card properly.

Warranty Card	
Product Name	
Model	
Purchase Date	
Customer Name	
Customer Address	
Customer Phone Number	

Warranty

1. Please keep this warranty card in a safe place as proof of purchase for repair service.
2. This product is warranted for one year from the purchase date.
3. During the warranty period, if the main unit malfunctions under normal use and maintenance, and upon our verification, the company will provide free repair or replacement of parts.
4. During the warranty period, If the following matters occur, the company has the right to refuse services or collect materials and service fees as appropriate.
 - ✧ Can't provide this warranty card and valid purchase voucher.
 - ✧ Product faults and damage caused by improper use.
 - ✧ Damage caused by abnormal external force or human action.
 - ✧ Damage caused by disassembly/repair by unauthorized service personnel.
 - ✧ Other intentional damage.
5. The company reserves the right to modify and interpret all content.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.