

Heart Rate Monitor

YS-MBE01, YS-MBE07

Use Instruction

Version A/4S

Shenzhen Yasun Technology Co., Ltd

Foreword

Thank you for purchasing YASUN Technology Patch Type Heart Rate Monitor, YS-MBE01, YS-MBE07. Please read and understand the contents of this instruction manual carefully before using the product.

Product Name: Heart Rate Monitor

Model: YS-MBE01, YS-MBE07

Application: For real time heart rate monitoring.

Date of manufacture: see label.

Use period: 3 years

Manufacturer: Shenzhen Yasun Technology Co., Ltd.

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Statement

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1、Safety Precautions



When using the heart rate monitor device, please observe the following precautions:

This product is not suitable for babies weighing less than 10kg!

This product is not suitable for strong magnetic environment and shall not be shared with strong magnetic equipment such as nuclear magnetic resonance.

This product shall not be shared with strong electrical equipment such as cardiac pacemakers, cardiac defibrillators and electrical stimulators.

Please use the special YASUN self-adhesive stickers that comes with the device, other tapes cannot be used with this device.

The user needs to wear the product in strict accordance with the method and position specified in this instruction manual, otherwise the detection data may be incorrect.

Do not apply violent impact to this product and its accessories to avoid product damage.

This product should be prevented from entering water or getting close to heat or fire sources to avoid product damage or battery top cover explosion accidents.

The maintenance of this product must be carried out by the manufacturer or professional technicians authorized by the manufacturer in writing.

Do not disassemble and replace parts without permission.



When using the YASUN APP, please observe the following precautions:

This product needs to use the APP for device connection data transmission and work. Please do not uninstall or change the YASUN APP software at will to avoid software failure or data loss. The APP software is free to use, and the manufacturer provides users with free consultation and upgrade services.

Operation Condition: Temperature: $+5^{\circ}\text{C} \sim +45^{\circ}\text{C}$; Humidity: $\leq 95\%$; Air Pressure: $70\text{kPa} \sim 106\text{kPa}$

Storage Condition: Temperature: $+5^{\circ}\text{C} \sim +45^{\circ}\text{C}$; Humidity: $\leq 95\%$; Air Pressure: $70\text{kPa} \sim 106\text{kPa}$

2、Product Introduction

2.1 Product Features

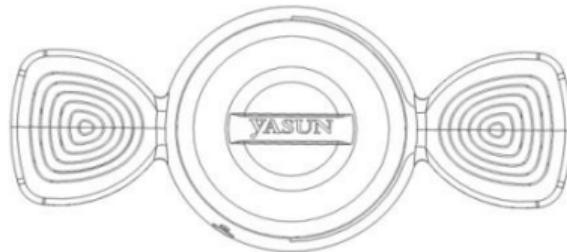
This product is a wearable patch monitoring device that can directly collect the heart rate. Heart rate monitoring needs to be displayed and stored through the designated APP software and cloud client software. This product collects dynamic heart rate, transmits them to the mobile terminal multi-parameter detection APP through Bluetooth, and performs real-time display and data storage of heart rate waveform and heart rate locally on the mobile terminal. The mobile terminal multi-parameter detection APP sends the ECG data to the cloud for analysis and storage in real time. Ultra-small, ultra-light, easy to use, comfortable to wear, unlimited life, remote real-time monitoring and many other advantages. The main unit and the battery top cover can be separated, and the two randomly configured battery top covers can be used alternately, which can achieve long-term monitoring and heart rate data recording.

2.2 Application Area

For the monitoring and recording of human body heart rate. Model YS-MBE01 can be used for arrhythmia, model YS-MBE07 can be used to detect the location of the precordial leads, which can be used for arrhythmia and partial myocardial ischemia. This product is not suitable for infant aircraft, vehicles, ambulances, field ambulances, disaster relief, individual sports, sports events, family, work, study, travel, bathing, rest, sleep, etc.

2.3 Contraindications

Use with caution for those with skin allergies. This product is i



2.4 Product Composition

The composition of the patch type dynamic heart rate monitor recorder YS-MBE01 (image2.1/ image2.2) and YS-MBE07(image2.1,image2.5): YS-MBE01 host(image2.3B) / YS-MBE07 host(image2.5/ Image2.3B) ,double-side self-adhesive tape(image2.8/ Image2.9), charging device (2 in 1 charging connector and battery removal device,image2.10 / image2.11) , YS-MBE01 / YS-MBE07 battery cover (image2.3A/ image 2.6),

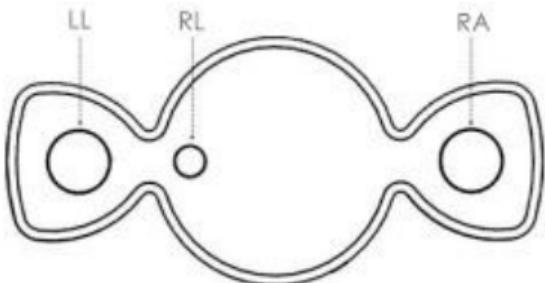


Image2.2 YS-MBE01 Back Side

YASUN

and equipped with special YASUN multi-parameter detection APP monitoring software.



Image 2.3A YS-MBE01 Battery Cover

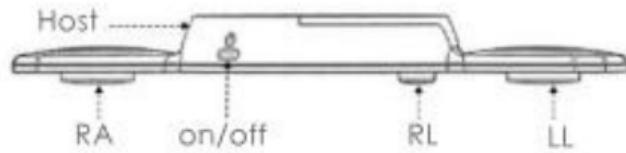


Image 2.3B YS-MBE01 Host Side

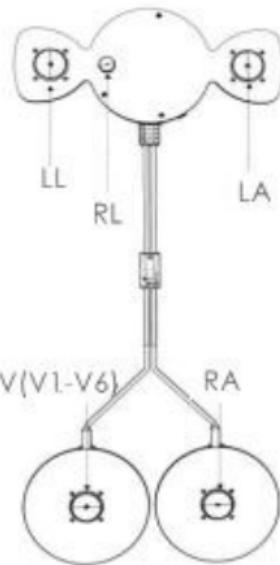


Image 2.5 YS-MBE07 back side

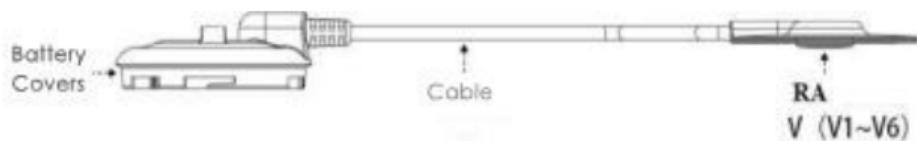


Image 2.6 YS-MBE07 Battery Covers

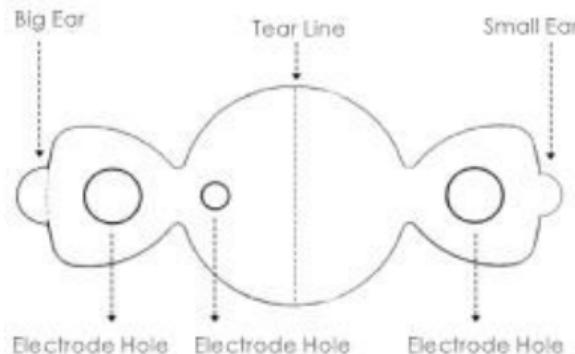


Image2.8 double-side self-adhesive tape A
for YS-MBE01 and YS-MBE07

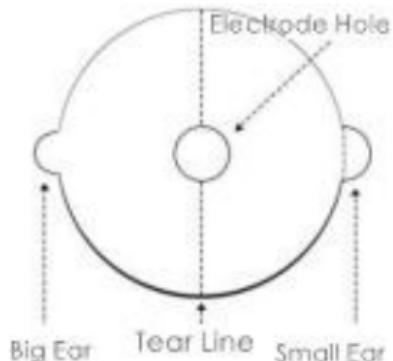


Image 2.9 double-side
self-adhesive tape B for

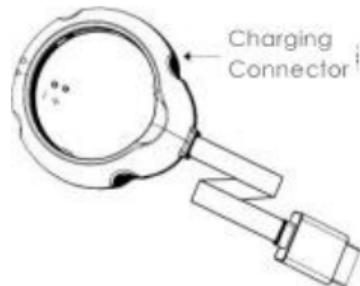


Image2.10 Charging Device

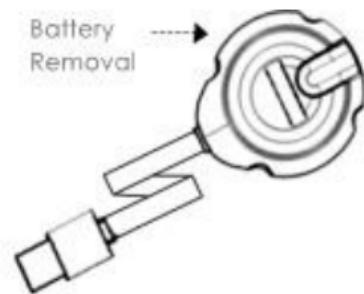


Image2.11 Charging Device

3、Product Use Instruction

3.1 Device On/Off

After wearing the heart rate monitor YS-MBE01 and YS-MBE07, open the mobile multi-parameter detection APP,

press and hold the power switch button of the recorder for 3 seconds, and release. YS-MBE01, YS-MBE07 monitor host vibrates 3 times, and the blue light flashes, indicating that the recorder has been activated and heart rate monitoring has started. Make sure that the mobile terminal WIFI, or 4G, or 5G  connected, and the heart rate data has been remotely transmitted to the cloud server in real time. The on/off key  is shown on the side of the product YS-MBE01 and YS-MBE07.



3.2 APP Software

3.2.1 APP software download, install and uninstall

The multi-parameter detection APP is suitable for Android Andriod 6.0 version, Huawei HarmonyOS 2.0 version, Apple iOS 12.0 version, with Bluetooth, WIFI, 4G, or 5G wireless communication function, and mobile terminals with storage space greater than 2G. Apple iOS mobile phone, Android Andriod, HarmonyOS smart phone APP software download, installation and uninstallation: For users of Android Andriod, Huawei HarmonyOS mobile phone, Apple iOS mobile phone, please enter "multi-parameter detection" in the APP Store search box, click the install button, then This multi-parameter detection APP is automatically installed. Find the APP icon on the mobile phone desktop, long press the upper left corner to display the delete button, as shown in Figure 4.3C, click to uninstall the APP.。

Image 4.1 YASUN APP

Scan code to download and install APP software: Users can also scan code to download and install, as shown in image 4.4

Open the mobile phone WeChat or browser, find the QR code scanning function, and perform the QR code scanning operation below, then you can download and install.

3.2.2 Register log in

Open the multi-parameter detection APP, and the user should log in before using the APP. The user login interface is shown in Figure 4.4A. There are 4 ways to log in. The login process of each login method is as follows:

1. Mobile phone number login

Enter the correct mobile phone number and verification code, click [Login], and after [Login Successful] is displayed, it will automatically enter the main interface of the APP. If the mobile phone number is not registered, the user will be automatically registered.

2. Experience login



Image 4.4

Click [Experience Login], after displaying [Login Successful], it will automatically enter the main interface of the APP. The experience account is logged in according to the unique identification code of the mobile phone number, one mobile phone for one account.

3. Login with account and password

Click [Password Login] to jump to the [Account and Password Login Page] as shown in Figure 4.3B, enter the correct account and password, click [Login], and after [Login Successful] is displayed, it will automatically enter the main interface of the APP.

3.2.3 Sign out

Click the main menu button in the main menu item of the APP, select the [Settings] main menu, and click [Logout] in the settings list to log out normally. After logging out, when you reopen the APP, you need to log in again; if you only close the APP without logging out, you can use the APP normally without logging in when you open it again.

3.2.4 Connect Heart Rate Monitor

Connect the dynamic heart rate recorder, transmit the information collected by the device to the cloud platform service for processing, and return the processing results to the APP interface. To complete this function, you first need to establish a Bluetooth connection with the acquisition device to obtain data.

3.3 Low battery warning

The patch-type monitor can work continuously for no less than 72 hours when the internal battery is fully charged.

When the remaining battery power of the SMD multi-parameter recorder drops to 15%, the multi-parameter detection APP will automatically pop up a prompt box of "Please replace the battery in time". When the remaining battery power of the SMD multi-parameter recorder is lower than 10%, The patch multi-parameter recorder will automatically shut down, and the multi-parameter detection APP will automatically pop up a prompt box to prompt the device to shut down.

European agent information:

eVatmaster Consulting GmbH

Bettinastr. 30,60325 Frankfurt am Main,Germany

contact@evatmaster.com

Warranty Card

Please fill in the warranty card carefully and send it to the after-sales service center of Shenzhen Yanshang Technology Co., Ltd. for registration within one week. During the warranty period, if you need technical advice or the instrument fails (human errors and accidents do not belong to this category), please contact the after-sales service center. Products beyond the warranty period or users with special service requirements are welcome to consult the after-sales service center of Shenzhen YASUN Technology Co., Ltd. Personnel who are not authorized and trained by the company are not allowed to start the machine for maintenance.

Name		Model	
Item		Date	

YASUN

User Name		Warranty	
Contact Info.		Tel.	
Address			

FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.