



Smart Watch

Model : Y001S

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Safety Warning

Please read this manual carefully and use the product according to the instructions to ensure safe and proper use.

Disclaimer

Before using this product, please read and thoroughly understand this statement. If you use this product, your behavior will be regarded as an endorsement of the entire content of this statement.

(1) In actual use, there are differences or errors in the data due to individual differences, usage methods and habits. Please refer to the actual usage.

(2) This product is not a medical device, and the health data provided is for reference only, not as a basis for diagnosis and treatment.

Product Introduction

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Specifications

Screen: 1.41 inch AMOLED touch screen, 320 X 360 resolution

Processor: 208 MHz MTK

Memory: 256M

Bluetooth: BLE4.2

Sensor: PPG heart rate sensor, Triaxial accelerometer, Gyroscope, Pressure sensor

Battery: 170mAh Li battery

Charging: USB charging battery

Material: Medi-grade stainless steel

Language: Choose different languages

Size: 54x38x12.9mm

Weight: 80g

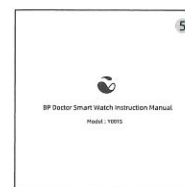
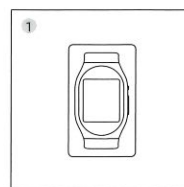
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Battery Life Test Results

Scenario	Testing Mode	Use time
1	Blood pressure test mode: ● Screen ALWAYS On & RAISE TO WAKE Off; ● Sleep HRV & 38 times blood pressure tests	2-3 Days
2	Heavy use test mode: ● RAISE TO WAKE On ● HRV On ● Brightest display ● 6 times blood pressure & 6 times SpO2 tests per day ● Message push On	2-3 Days
3	Moderate use test mode: ● RAISE TO WAKE On ● HRV On ● Brightest display ● 3 times blood pressure & SpO2 tests per day ● Message push Off	3-4 Days
4	Light use test mode: ● RAISE TO WAKE Off ● HRV Off ● Normal Brightness display ● 1 times blood pressure & SpO2 tests per day ● Message push Off	4-6 Days
5	Superpower saving test mode: Time display only	7 Days and more

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Product List

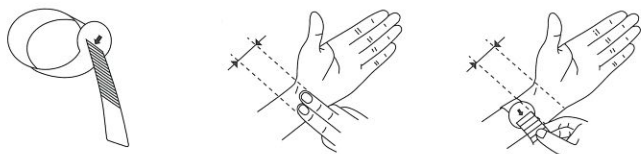


- ① BP Doctor Smart Watch x1
- ② Charging Dock x1
- ③ Charger Cable x1
- ④ Wrist Diameter Tape x1
- ⑤ Instruction Manual x1

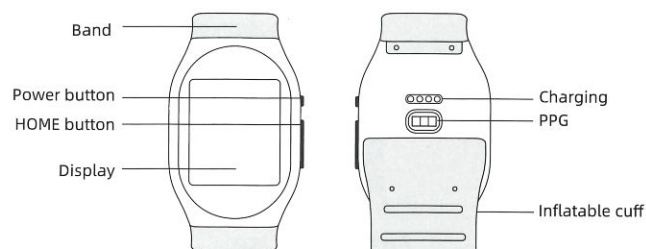
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Diameter Tape

Measure your wrist with the diameter tape (keep two finger distance from the bottom of your palm when measure). Tighten the diameter tape. The smallest number indicates the most suitable buckle on the watch belt for blood pressure testing mode. For daily use, please loosen 1 or 2 holes until comfortable.



Know Your Monitor



Turn On / Off

Long press and hold the power button for 3 seconds to turn on the device.
Press the power button to activate the on/off screen.
Press and hold the power button for 2 seconds to turn off the device.

First Time Use

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Installing the App

Scan the QR code below or download and install the free 'BpDoctor' from the app store on your smartphone.



Registration

Open APP to register and login with your phone number or email. First time registration requires gender/weight/DOB and etc. personal information.

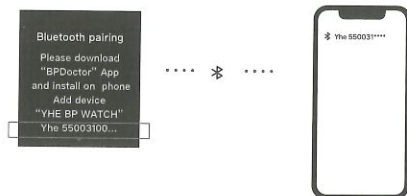
Please fill in the correct information which may affect the test result.

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Connecting Watch and Your Smartphone

Open the 'BPDoctor' APP on your phone. After registration and login, connect the watch and phone by bluetooth.

* Bind Bp Doctor: Search SN number on APP to connect.



• Tips

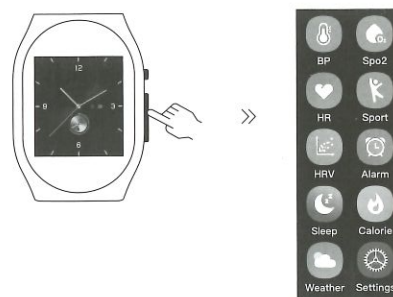
1. Unbind Bp Doctor: Login to APP, tap "Mine", select "My Watch", click "Unbind".

(Data will be cleared and system will be reset after disconnection).

2. After the watch and the app are bound, it is a one-to-one pairing relationship. If you want to change the pairing relationship (change the app account or YHE watch), you need to unbind the original watch and app.

The Main Menu

Press the HOME button to enter the main menu.



Fast History Data View

After connecting, you will enter the main panel:

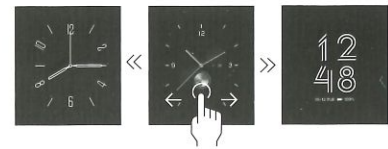
- From main panel, swipe left once for blood pressure test history. Tap to enter blood pressure test function panel.
- From main panel, swipe left twice for HR history. Tap to enter HR test function panel.
- From main panel, swipe left three times for blood oxygen history. Tap to enter blood oxygen test function panel.
- From main panel, swipe right once for sports step-count history. Tap to display distance, calorie burn, and steps.



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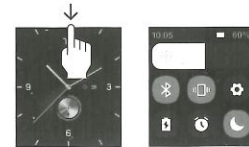
Multi-pannel Selection

Long press main panel for 3sec for multi-panel selection.



Control Center

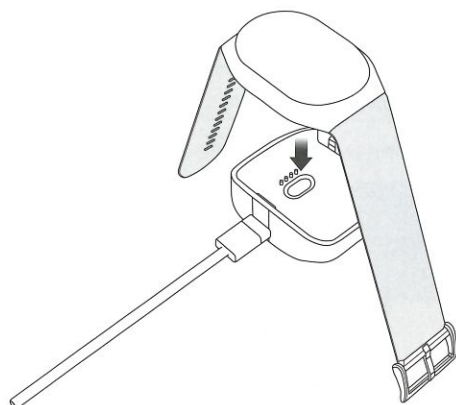
From main panel, swipe down for quick setting. You may set up brightness, Bluetooth, vibration, low-power mode, alarm, DND mode, and shortcuts here.



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Charging

Connect the watch to the charging base as pictured below. Plug the charging cable into a 5V 1A AC adapter.
Do not use the watch while it is charging.



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Blood Pressure Function



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Charging

Connect the watch to the charging cable into a USB port.
Do not use the watch while charging.

Measured

Optical method of blood pressure measurement. The monitor senses the pulse rate. These pulses are detected by the pressure sensor then displays the results on the display screen.

Use by adults and children over the age of 15.
The wristband is suitable for wrist widths of 140-180mm.
Measure pressure from 0-299mmHg, and heart rates from 50-180 beats per minute (bpm).

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Important Safety Information

1. Consult with your physician before using this monitor if you have had a mastectomy.
2. Consult with your physician before using this monitor if you have severe blood flow problems or blood disorders as cuff inflation can cause bruising.
3. DO NOT take blood pressure measurements more often than necessary because bruising, due to blood flow interference, may occur.
4. DO NOT disassemble or attempt to repair this monitor or other components. This may cause an inaccurate reading.
5. DO NOT use in a location where there is moisture or a risk of water splashing this monitor. This may damage the monitor.
6. The monitor, AC adapter and charging cable are not designed for use in water or wet environments.
7. DO NOT use this monitor in a moving vehicle such as in a car.
8. DO NOT drop or subject this monitor to strong shocks or vibrations.
9. DO NOT use this monitor with other medical electrical (ME) equipment simultaneously. This may result in incorrect operation of the monitor and/or cause an inaccurate reading.

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10. Avoid bathing, drinking alcohol or caffeine, smoking, exercising and eating for at least 30 minutes before taking a blood pressure measurement.

11. Rest for at least 5 minutes before taking a blood pressure measurement.

12. Remove tight-fitting and thick clothing and any accessories from your wrist while taking a blood pressure measurement.

13. Remain still and DO NOT talk while taking a blood pressure measurement.

Problems During Blood Pressure Measurement

1. During the measurement, try to keep the measurement part at the same height as the heart. If the measurement part is lower than the heart, the blood pressure data may be higher; if it is higher than the heart, the blood pressure data may be lower.

2. The degree of wearing tightness will affect the blood pressure measurement. If the wearing is too loose, the measured blood pressure data may be higher; if the wearing is too tight, the measured blood pressure data may be lower. At the same time, if the wearing method is not standardized during the measurement process, the watch will prompt an error and require the wearing method according to the standard specification;

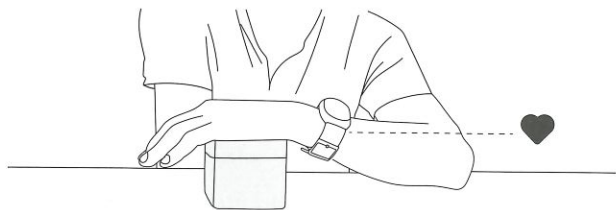
3. During the measurement process, body movement, speech, and table shaking may cause inaccurate measurement. At the same time, the watch will prompt an error, asking to keep calm and relaxed.

How to Measure Your Blood Pressure

Before taking a blood pressure measurement, please ensure you are relaxed and seated in a room with a comfortable temperature and a surface to rest your arm.

- Sitting Position

1. Sit in a comfortable chair with your back supported.
2. Elevate your arm to the same level as your heart.
3. Keep your upper arm next to your body.
4. Relax your wrist and hand. Do not move your wrist or clench your fist.
5. Keep your feet flat on the ground and do not cross your legs.



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Note

1. The position of the watch should be 2 fingers away from the palm (shown below).
2. Before measuring, tighten the band. For fastening instructions, please refer to the attached paper wrist tape. After measuring, loosen to the band to your usual level of tightness.
3. If testing more than once, please wait 2-3 minutes between each measurement.



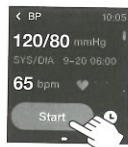
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How to Start a Measurement

There are two ways to take a measurement:

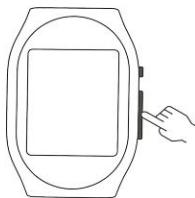
A. Press the home button and touch the blood pressure button on the screen to begin measuring.

B. Press and hold the HOME button to begin measuring.



A

or



B

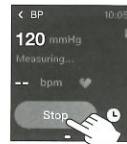
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How to Stop a Measurement

There are two ways to stop a measurement:

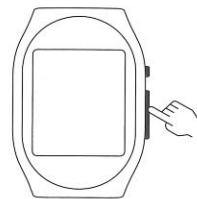
A. During the measurement, click the stop button on the screen. Doing this will cause the device to stop inflating and release the remaining air.

B. During the measurement, press the HOME button.



A

or



B

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Date Storage

Measurement results are stored after each measurement. Up to 30 measurements results can be stored at a time, and each new measurement will overwrite the oldest measurement.

There are two ways to check your measurement data:

A. Swipe left on the homepage to view previous measurements.

B. Press the HOME button to enter the main menu, tap 'BP Record' to review historical data.

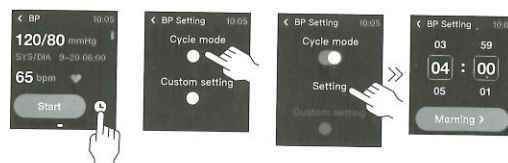


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Test Modes

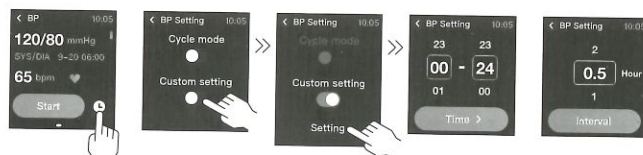
From main account, touch the customized test button to enter:

Mode One: Set up test time for morning, afternoon, and evening. Exit when finished, setting will be saved automatically.



(customized test)

Mode Two: Set up customized test time and intervals.



(customized test)

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Visitor Mode

From main account, swipe left to view visitor account, which won't be uploaded to APP.



Other Functions



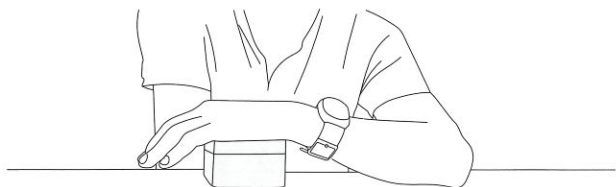
Blood Oxygen

1.The requirement of temperature: the measured body position should $>30^{\circ}\text{C}$.

If the temperature is too low, it will lower blood circulation and decrease the accuracy of the measurement.

2.Relax your wrist and hand. Do not bend your wrist or clench your fist (see picture below).

3.Once the reading appears on the screen, keep the device stable for 30 seconds to allow the data to be stored.



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note:

- 1.The position of the watch should be 2 fingers away from your palm.
- 2.Wristband should fit your wrist snugly.
- 3.Avoid tattoos and scars when wearing. Thick arm hair, tattoos, scars, etc. will affect the blood oxygen saturation measurement.

Heart Rate

A.Click "HR" icon to start Heart Rate test. Wait 15sec for the result to display.

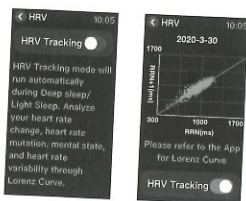
B.Swipe up to activate continuous Heart Rate test. BP Doctor will test your heart rate every 10 minutes.



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HRV

Test HRV automatically at night and view result in the morning. Manually turn on this function if needed.



Sports

Click "Sports" icon to select sport tracking modes. Options include: Outdoor Walking, Outdoor Running, Indoor Running.

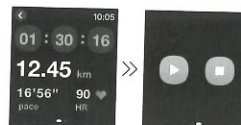


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Tap the big icon to start testing, tap to set up test targets with Distance/ Time/ Calorie.



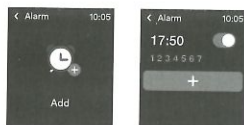
In the Sports panel, swipe left to select pause, stop, or continue.



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Alarm

Set up alarms on your BP Doctor or on the APP.



Sleep Analysis

This function will be activated by default.



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Calorie

View basic calories burn, sport calories burn, and walking calories burn.



Weather

Connect APP for weather forecast.



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General Setting

Display: Brightness Setting, "Display Timeout" setting; "Always on" setting; "Raise to wake" setting, Watch-dial Themes.

Alert: Apnea Alert, Move it Alert.

About : General Information.

Language: Multiple language options.

Metric/Imperial: temperature, distance unit (metric/Inch) setting.

Reset watch: Resetting will erase all your data.



Storage and Cleaning

- Store your device in a clean, safe location.
- Use a soft dry cloth or a soft damp cloth with mild soap to clean your device, and wipe dry with a dry cloth.
- Do not store your device in extreme temperatures, humidity, or direct sunlight.
- Do not expose your device to corrosive vapors or physical shock.
- Do not wash with water or submerge in water.



FAQ

Troubleshoot: Reading appears too high / too low / there is no reading.
Solution: Change sitting position (refer to pages 8-10). Check if the hand and heart are at the same level. Check if the band is tight enough.
Avoid speaking while taking a measurement.

Troubleshoot: Each measurement is different, either too high or too low.
Solution: Try to relax and take a deep breath, then retake the measurement. If the reading repeatedly shows an error, please stop using the device and reach out to our customer care. Do not open the device for self modification.

Troubleshoot: Will not power on, can not be charged or other unknown exceptions.

Solution: Long press the power button for 15 seconds to force the shut down. Then long press 3 the power button to reboot the device.

For any other issue, please email us at info@yhetechs.com for further assistance.

Limited Warranty

This Blood Pressure smart watch, excluding AC adapter and charging cable, is warranted to be free from defects in materials and workshop appearing within 1 year from the date of purchase, when used in accordance with the instructions.

(Certain parts are consuming parts and periodic maintainace is recommended for the best user experience.)

For the maintenance not caused by the company's product quality, such as damage caused by improper use, improper storage, unauthorized dismantling and other reasons, the company will charge maintenance cost and the freight shall be borne by the user.

FCC Statement

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.

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.

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