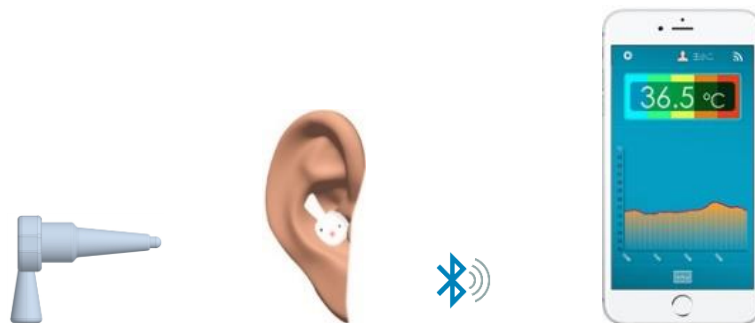# Heat stroke AI warning instrument

User Manual
Model HT120H

1、Product Introduction

The new generation of heat stroke AI warning device S N 1 20H is a wearable vital sign detection device that measures the pulse core body temperature in real time and uses AI intelligent algorithms to accurately predict the time when the wearer will suffer from heat stroke, so that the wearer can evacuate the high temperature scene in advance, effectively preventing the occurrence of heat stroke. It is used in conjunction with the mobile phone app, which subverts the current traditional heat stroke detection methods and equipment. All indicators are higher than **the latest individual heat stroke warning system developed and equipped by the US military** , and are widely used in workers in high temperature environments, athletes, firefighters, and military training.

2. System topology diagram

3. Functional characteristics
＊When the heat index reaches 1 19, the warning device will automatically start
＊Display and record heat index /body temperature/heat resistance time
＊Flashing lights to indicate heat stroke risk level
＊Two working modes: early warning instrument and thermometer
＊Acquisition rate 10 seconds/transmission distance 10 meters
＊Heat stroke index WBGT mild/moderate/severe
＊Real-time measurement of human body pulse core temperature
＊Heat Index: Warning/Dangerous/Extremely Dangerous
＊The APP will predict the wearer's heat stroke time in real time

4. Operation Instructions
　—Install App

Scan the QR code with your mobile phone and download the TempView App in Google Play on the Android operating system .
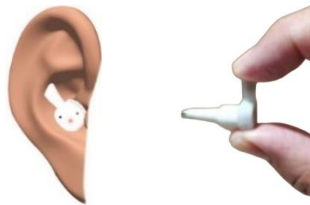

— Thermometer charging

The storage box has a built-in battery to charge the early warning instrument. After charging for 6 hours, the thermometer mode can last for 24 hours and the early warning instrument mode can last for 24 hours.

The battery life is 6 hours. After use, put the warning device back into the storage box and do not place it outside the storage box.

— Wearable early warning device

Hold the ear thermometer with the thumb and index finger of your right hand as shown in the picture below , rotate it clockwise and counterclockwise, and slowly press it into the right ear canal .
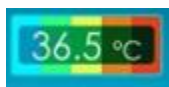

—APP displays record description

The APP has two ways to display records:

① Thermometer method

When the wearer's body temperature and heat index are ≤ 100, it is in thermometer working mode, and the APP displays the core body temperature in real time for five minutes.

Record your temperature at intervals.

② Early warning device mode

When the wearer's body sensation and heat index ≥ 119 , the warning instrument working mode is automatically turned on, and the APP displays alternately at 10-second intervals.

Core body temperature and heat tolerance time are recorded alternately at five-minute intervals. Example: body temperature 38.8℃,

Heat resistance time 01.2, indicating that the core body temperature is 38.8℃ at this moment. After one hour and ten minutes, the wearer's core body temperature will reach moderate

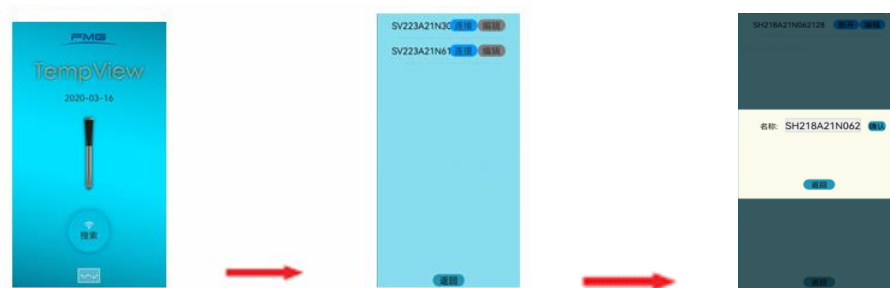The summer temperature is 39.2℃.

—Heat resistance time output

The heat resistance time of the early warning instrument is divided into three output stages: 38.6℃ mild heatstroke, 39.2℃ moderate heatstroke, and 40.5℃ moderate heatstroke. When the body temperature is ≤38.6℃, the APP will display the time when the wearer is expected to reach mild heatstroke ; when the body temperature is ≥38.6℃, the APP will display the time when the wearer is expected to reach mild to moderate heatstroke; when the body temperature is ≥39.2℃, the APP will display the time when the wearer is expected to reach mild to severe heatstroke. At this time, the LED on the early warning instrument will flash as an alarm indicator.

— Check the heat index

The early warning device automatically measures, records and displays the heat index before activation. Download the record sheet to view the heat index during the activation period: 100 (alert), 119 (danger), 137 (extremely dangerous).

5. APP operation instructions

—Connect and name your device

Click to search   Click to connect   Click Edit

—Download recorded data

Click ![cloud icon] the icon on the right to download the recorded data and save it in your mobile phone; click ![list icon] the icon to view the recorded curves and tables; click ![share icon] the icon to send the recorded tables to the specified network address (QQ / WeChat/email/computer).

6. Packing list

Ear Thermometer SV222	1 unit
Ear Thermometer Storage Box SC122	1 unit
Foot Warmer SV226	1 unit (option)
Foot Warmer Storage Box SC126	1 unit (option)
USB charging cable	1 root
User Manual	1
Tempview App User Download	

7. About Femminger

Please visit our website www.fmg-tech.com to learn more about our products. If you have any questions, please contact our customer service: sale@fmg-tech.com .