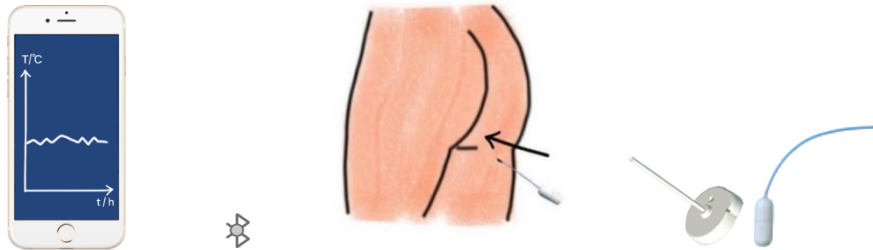


The 2017 Nobel Prize in Biomedical Sciences "Molecular Mechanism of Biological Clock" revealed that abnormal biological clock can affect human health and lead to disease. Our biological clock measuring instrument SN120C is a vital sign measurement system that measures the circadian rhythm of core temperature to obtain the human biological clock. It can be used to analyze sleep quality, immunity, metabolic index, aging degree, obesity diagnosis, etc., and can even predict cancer. As a new marker of vital signs, biological clock measurement is simple and easy to use, and will become an effective scientific means of family health check-ups in the future.

1. Product Illustration



2. Functional characteristics

* Dynamic measurement and recording of core body temperature and rectal temperature

* Measuring range: 25.0 - 43.0° C, $\pm 0.2^{\circ}$ C

* Recording interval 5 minutes/recording duration 24 hours

* Data wireless Bluetooth transmission distance: ≥ 1 meter

* Configure the hearTemp APP

* Product size: D17xH4mm, weight: 1.2g

* Temperature probe size: D1.3xL70mm

3. Operation Instructions

—Install App

APP The TempView software is for Android smartphones. It is not applicable to Apple, Hongmeng and other operating systems. Please download the APP from the following address:

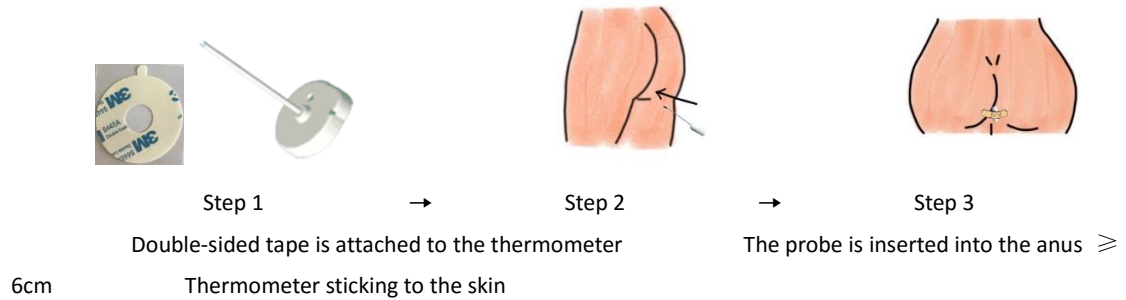
① <https://www.fmg-tech.com/oid1745038/Software-Download.htm>

② <https://www.pgyer.com/tempview>

- ③ Scan the QR code with your mobile phone and download our App TempView in Google Play .



— Wear a rectal thermometer

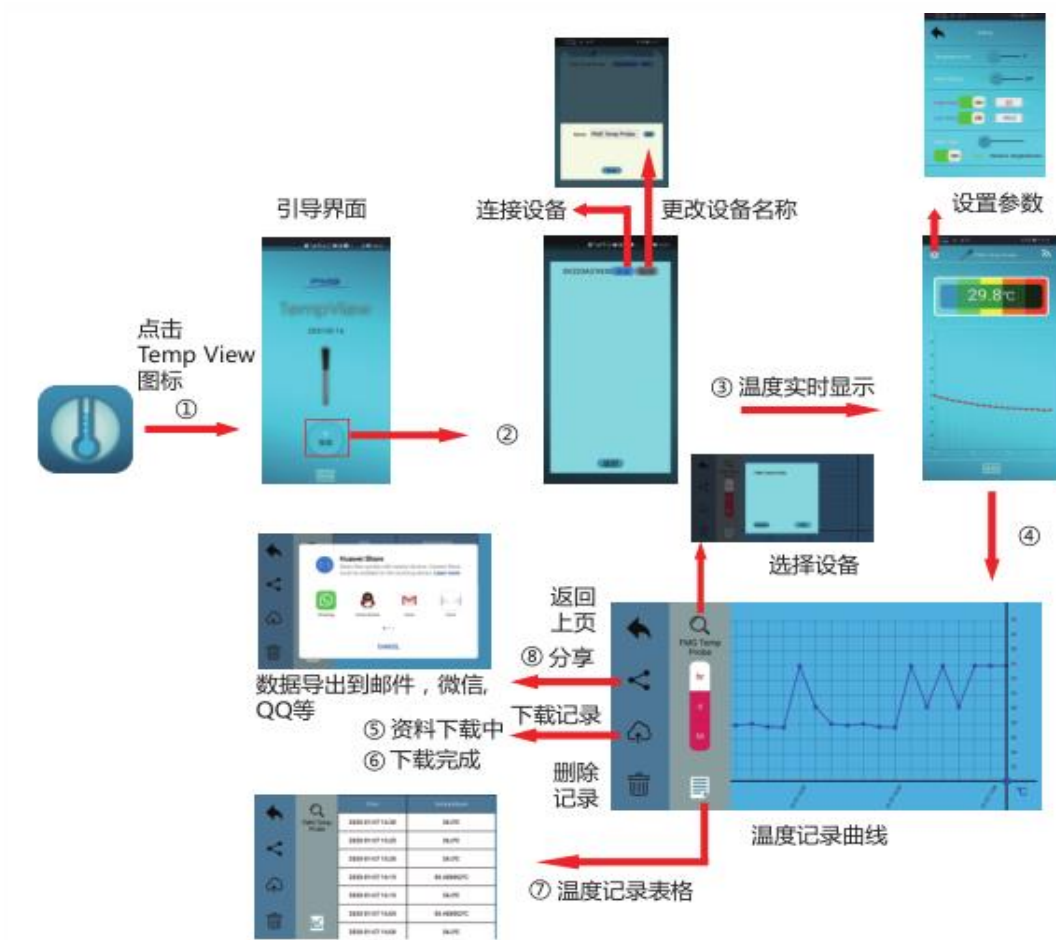


—Record core body temperature for 24 hours

the email address sale@fmg-tech.com , and also fill in and send a health examination registration form. The FMG professional team will give analysis results and suggestions, and users can also refer to Appendix 1 "Core Body Temperature and Health" for self-diagnosis.

4. APP operation instructions

—APP topology diagram



—Connect and name your device



Click to search



Click to connect



Click




Edit

— Display of measured values and curves



- ① 蓝牙连接状态，点击连接体温计
- ② 设备名称
- ③ 点击进入系统设置
- ④ 当前温度值
- ⑤ 温度曲线
- ⑥ 点击进入历史数据查询
- ⑦ 电池低压指示

—Download recorded data

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

5. Packing list

Rectal Thermometer SV224	1 unit
Insertion thermometer SV227	1 unit (option)
Storage Box SC127	1 unit (option)
Double-sided adhesive sticker	1 piece
User Manual	1
hearTemp App User Download	

6. 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.

Appendix 1: Core Body Temperature and Health

—Normal values of the circadian rhythm of core body temperature

24-hour average body temperature: $36.7\text{ }^{\circ}\text{C} \pm 0.35\text{ }^{\circ}\text{C}$

Daily basal body temperature: $36.2\text{ }^{\circ}\text{C} \pm 0.35\text{ }^{\circ}\text{C}$

Daily maximum temperature: $37.5\text{ }^{\circ}\text{C} \pm 0.35\text{ }^{\circ}\text{C}$, this refers to non-exercise state

Daily fluctuation: $\geq 1.2\text{ }^{\circ}\text{C}$

• Forward amplitude: $\geq 0.6\text{ }^{\circ}\text{C}$

Negative amplitude: ≥ 0.5

—Core body temperature parameter description

When the body temperature exceeds the above range, the body is abnormal and in an unhealthy state.

During illness, the basal body temperature is high. After it drops to normal, the body recovers.

When the average body temperature is $\geq 37.1^{\circ}\text{C}$ and the positive amplitude is \leq negative amplitude, the human body is aging, otherwise it is healthy and long-lived.

The faster the body temperature drops before and after falling asleep at night, the longer the basal body temperature is maintained and the higher the sleep quality.

If the basal body temperature is $\leq 35.8^{\circ}\text{C}$, there is a risk of cancer.

Under the condition of meeting the normal body temperature, the smaller the ratio of daily average body temperature to daily fluctuation amplitude, the better the human immunity and metabolism.

The higher the metabolic index, the healthier your body.

Measuring the temperature difference between the two feet can predict the severity of diabetes and diagnose the disease. Please contact sale@fmg-tech.com

—Core body temperature circadian rhythm curve

