



Elitech[®]

多国语言说明书

Multilingual specification

TM-2



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安全说明及注意事项

1、安全说明

为确保您正确安装使用本产品，请认真阅读并严格遵守以下条款：

电池	⚠ 请使用原装或符合技术参数的电池，不可使用不符合产品参数的电池，以防损害设备或引起其他故障电池 ⚠ 不可私拆、挤压、击打、加热电池，也不可将电池置于火中，不然可能引起电池爆炸，引发火灾
外接电源	⚠ 需要外部供电时，请使用本设备配置的电源适配器，不可使用其他不符外接合技术规格的电源适配器，否则可能损坏仪器设备，甚至导致引起火灾电源 ⚠ 如果长期不使用设备，应切断外部电源，防止烧毁设备、引起火灾，并每月给设备做一次充放电维护，保持锂电池的活性
设备	⚠ 在易燃、易爆气体环境中，谨慎使用该设备，否则可能引起爆炸、火灾设备 ⚠ 使用设备过程中，如果设备发出烧焦等异味，应立刻切断设备电源，并及时联系厂家或供应商

2、注意事项

- 设备若长期不使用，应取下存放在包装盒内并存放于干燥、阴凉的环境中。
- 用户不可对本设备做任何未经许可的更改。任何未经许可的更改都可能影响设备的精度、甚至损坏本设备
- 不要将设备置于恶劣环境使用，以免雨水、雷电等恶劣天气导致仪器短路、烧毁等故障。
- 当记录仪处于离线状态时(无数据上传),请确认设备的联网状态;
- 请在记录仪测量范围内使用
- 请误将外置探头直接放置于液体环境中，以免设备损坏
- 请勿用力冲击本记录仪
- 记录仪各测量值可能会受如下因素影响：

温度误差：

- 放置在测量环境中稳定时间太短；
- 靠近热源、冷源或直接处于水淋状态下；

湿度误差：

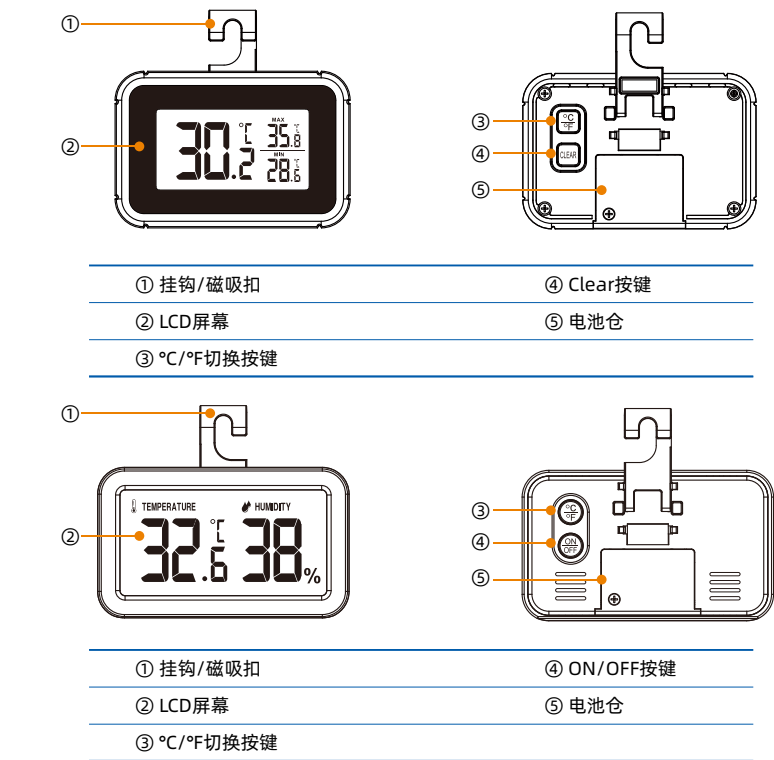
- 放置在测量环境中稳定时间太短；
- 长期处于蒸汽、水雾、水帘或冷凝环境中；

污染

- 处于粉尘或其他污染环境

一、产品概述及外观

TM-2是一款内置探头外观小巧的温度计。支持温湿度数据监测，背部磁吸+挂钩设计，低功耗设计，超长续航时间。广泛应用冰箱、冷藏箱、食品柜、阴凉库等场景。



二、产品参数

产品选型

产品型号	TM-2	
产品配置	T	TH
探头类型	内置单温	内置温湿
主要传感器参数	温度传感器	温湿度传感器
温度测量范围	-10℃ ~ 50℃	
温度测量精度	±1℃	
温度分辨率	0.1℃	
湿度测量范围	/	10%~95%
湿度测量精度	/	±5%（30%~85%）其它±7%
湿度分辨率	/	1%RH

技术参数

电池类型	3V纽扣电池 CR2032*1	
货架期	12个月	
电池续航	1年	
产品尺寸(高*长*宽)	69.0*46.0*25.5mm	75.0*45.0*27.0mm
重量	32.6g	37.1g
工作环境	-10℃ ~ 50℃	
物理按键	℃/°F、Clear	℃/°F、ON/OFF
报警方式	/	/
安装方法	磁吸、挂孔	

三、操作说明

按键功能：

℃/°F切换按键：在正常显示模式下，单按切换按键进行温度单位的切换；

Clear按键：清除已经记录的最大最小值；

ON/OFF按键：单按，进行开关机操作，关机即清除最值统计；

⚠ 注意：
当温度低于-10℃，显示界面显示LL.L℃；当温度高于50℃，显示界面显示HH.H℃。
当湿度低于10%，显示界面显示LL%；当湿度高于99%，显示界面显示HH%。
温湿度更新周期为30s

四、配件列表

主机*1、说明书（电子版）

五、保修及售后服务

产品质保：1年
本产品自购买之日起7日内因性能故障，可以选择退货、更换或维修。保修期自购买之日起一年(以有效购买凭证为准),在保修期间，凡属于正常使用情况下产品本身质量问题引起的故障，将予以免费维修。维修产品的邮寄费用由发送方向承担。

符合以下情形之一则不在售后保障范围内：
1.因不可抗力造成损坏的，如地震、火灾、洪水、台风等；
2.消费者因使用、维护、保管不当等人为因素造成损坏的；
3.非精创服务人员或授权服务商检修、拆卸等造成损坏的；
4.超出保修期限和保修范围；
5.产品自然磨损，消耗及老化等(如外壳、线缆等)。

Safety instructions and precautions

1. Safety instructions

To ensure that you install and use this product correctly, please read and strictly comply with the following terms:

Battery	Please use original or technically compatible batteries. Do not use batteries that do not meet product specifications to prevent damage to equipment or other malfunctions. Do not disassemble, squeeze, hit, or heat batteries privately, and do not place batteries in fire, as this may cause battery explosions and fires
External power supply:	When external power supply is required, please use the power adapter configured for this device. Do not use other power adapters that do not meet the external connection technical specifications, otherwise it may damage the instrument and equipment, and even cause a fire power supply
Equipment	In flammable and explosive gas environments, please use this equipment in accordance with compliance requirements, otherwise it may cause explosions and fires During the use of the device, if the device emits a burnt or other odor, the power supply should be immediately cut off and the manufacturer or supplier should be contacted in a timely manner

2. Attention:

- If the equipment is not used for a long time, it should be removed and stored in the packaging box in a dry and cool environment
 - Users are not allowed to make any unauthorized changes to this device. Any unauthorized changes may affect the accuracy of the device and even damage it
 - Do not use the device in harsh environments to avoid instrument short circuits, burns, and other malfunctions caused by adverse weather conditions such as rain and lightning
 - When the recorder is offline (no data upload), please confirm the networking status of the device
 - Please use within the measurement range of the recorder
 - Please mistakenly place the external probe directly in a liquid environment to avoid equipment damage
 - Please do not forcefully impact this recorder
- The measured values of the recorder may be affected by the following factors

Temperature error:

- Placed in the measurement environment for too short a stable time
- Close to heat sources, cold sources, or directly in a water soaked state

Humidity error:

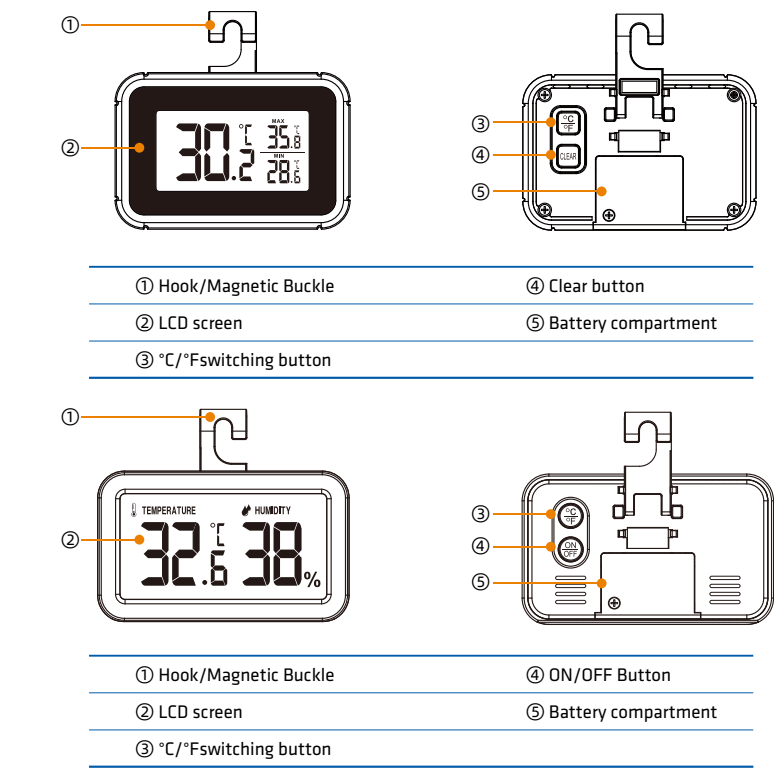
- Placed in the measurement environment for too short a stable time
- Long term exposure to steam, water mist, water curtains, or condensation environments

Pollution:

- Being in a dusty or other polluted environment

1. Product Overview and Appearance

TM-2 is a thermometer with a built-in probe and a compact appearance. Supports temperature and humidity data monitoring, back magnetic suction+hook design, low-power design, and ultra long battery life. Widely used in scenarios such as refrigerators, freezers, food cabinets, and cool storage rooms.



2、Product parameters

Model List

Product Model	TM-2	
Product Configuration	T	TH
Probe TYPE	Internal Temperature	Internal Temperature And Humidity
Temperature range	-10°C ~ 50°C	
Temperature accuracy	±1°C	
Temperature resomution	0.1°C	
Humidity range	/	10%~95%
Humidity accuracy	/	±5% (30%~85%) ±7% (other)
Humidity resolution	/	1%RH

Specification

Battery	CR2032*1	
Shelf-life	12 Months	
Battery life	1 year	
Dimensions (height*length*width)	69.0*46.0*25.5mm	75.0*45.0*27.0mm
Weight	32.6g	37.1g
Operation temperature	-10 C ~ 50 C	
Button	°C/°F、 Clear	°C/°F、 ON/OFF
Installation	Magnetic Attraction	Hanging Holes

3、Operating instructions

Key functions:

- °C/°Fswitching button: In normal display mode, press the switching button to switch temperature units;
- Clear button: Clear the maximum and minimum values that have been recorded;
- ON/OFF button: single press to perform power on/off operation, power off to clear the maximum value statistics;

be careful:
When the temperature is below -10 °C, the display interface shows LL L°C; When the temperature exceeds 50 °C, the display interface shows HH H °C.
When the humidity is below 10%, the display interface shows LL%; When the humidity is above 99%, the display interface shows HH%.
The temperature and humidity update cycle is 30 seconds

4、Package

Thermometer、User manual (ELECTRONIC VERSION)

5、Warranty and after-sales service

Product warranty: 1 year

This product can be returned, replaced or repaired within 7 days from the date of purchase due to performance failure. The warranty period is one year from the date of purchase (based on valid purchase receipts). During the warranty period, any malfunctions caused by quality problems of the product under normal use will be repaired free of charge. The shipping cost for repairing the product shall be borne unilaterally by the sender.

If any of the following situations are met, it is not within the scope of after-sales guarantee:
1. Damage caused by force majeure, such as earthquakes, fires, floods, typhoons, etc;
2. Damage caused by human factors such as improper use, maintenance, and storage by consumers;
3. Damage caused by maintenance, disassembly, etc. by non precision service personnel or authorized service providers;
4. Exceeding the warranty period and scope;
5. Natural wear and tear, consumption, and aging of products (such as shells, cables, etc.).