Elitech®

多国语言说明书
Multilingual specification

LogEt 6

目录 Directory

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，应切断外接电源，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，应立刻切断该电源，并及时联系厂家或供应商

2、注意事项

* 设备若长期不使用，应放于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
* 请谨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
* 记录仪所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；
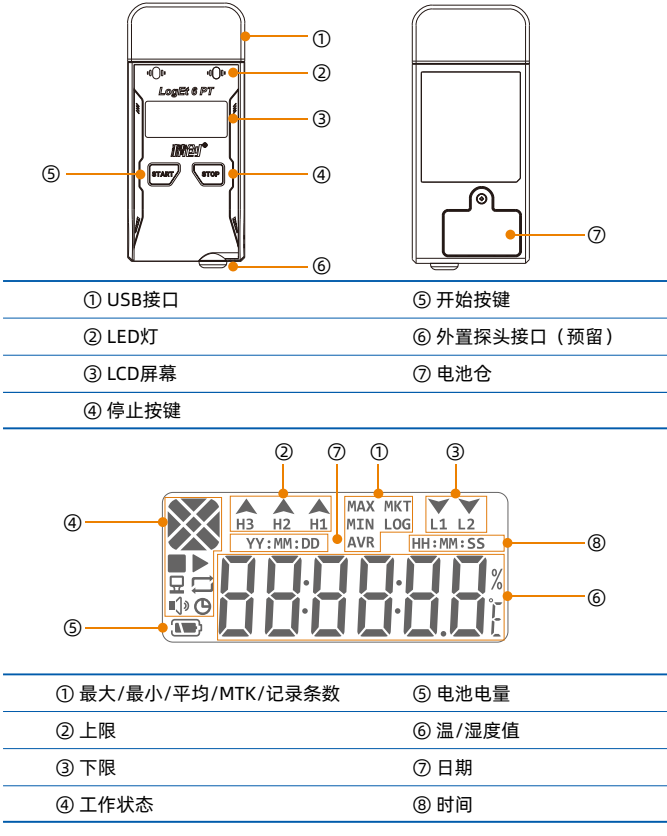* 靠近热源、冷源或直接处于水淋状态下；

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中

一、产品概述及外观

LogEt 6是一款内置探头的一次性干货记录仪。标配超低温传感器，可整机直接在-85℃环境下进行温度记录，可通过软件中心软件导出报告或者自动生成PDF文件，16000组存储，30天续航，2年货架期，并且支持前后影子数据功能。广泛应用冷冻箱、医药保温箱、实验室等场景。

① USB接口	⑤ 开始按键
② LED灯	⑥ 外置探头接口（预留）
③ LCD屏幕	⑦ 电池仓
④ 停止按键	

① 最大/最小/平均/MTK/记录条数	⑤ 电池电量
② 上限	⑥ 温/湿度值
③ 下限	⑦ 日期
④ 工作状态	⑧ 时间

二、产品参数

产品选型

产品型号	LogEt 6
产品配置	PT
探头类型	内置超低温（干冰）
探头线长	/
主要传感器参数	温度传感器
温度测量范围	-85℃～50℃
温度测量精度	±0.5℃（-20℃~40℃）；±1℃（其他）
温度分辨率	0.1℃

技术参数

存储容量/条	16000
数据接口	USB A
电池类型	LS14250锂电池
货架期	2年
电池续航	30天（记录间隔5min）
通讯模块/方式	USB接口
防护级别	IP65
产品尺寸(高*长*宽)	100*46*19mm
重量	60g
工作环境	-85℃～50℃
物理按键	开启/停止
报警方式	LED
影子数据	前置+后置影子数据
适配软件	精创数据中心

三、操作说明

按键功能：
开始按键：在正常显示模式下，单按开始键显示当前温度，继续按切换温度数据、日期时间、记录条数、最大值、最小值、MTK值；长按5s开始记录；
停止按键：长按5S停止记录；

1、图例状态指示：

1. 定时开启/延时开启		14. 湿度上限	
2. 未开启		15. 温度下限	
3. 已开启		16. 最大湿度	
4. 记录条数		17. 最小湿度	
5. 最大温度		18. 平均湿度	
6. 最小温度		19. 当前日期/时间	
7. MKT值		20. 传感器异常	
8. 平均温度		21. PDF读取中	
9. 温度上限3		22. 无报警	
10. 温度上限2		23. 报警	
11. 温度上限1		24. 标记	
12. 温度下限1		25. USB通讯	
13. 温度下限2			

四、软件操作

1、下载软件：

下载软件安装《精创数据中心》软件www.e-elitech.com/xiazaizhongxin（中国）、www.elitechlog.com/softwares（其他国家）

2、读取数据

① 使用USB数据口链接电脑。
② 打开《精创数据中心》等待链接完成。
③ 直接在我的电脑打开PDF文件或者是打开《精创数据中心》概要/历史数据，查看数据。

⚠ 注意：
无需《精创数据中心》软件亦可直接读取数据
设备从低温环境下拿出来后需要静置一段时间，等待恢复至室温，LCD屏幕才会显示数据

3、导出数据

点击概要/历史数据，选择导出数据，选择需要导出的格式。

五、配件列表

主机*1、说明书（电子版）、校准证书（电子版）

五、保修及售后服务

保修期提供：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（以有效购买凭证之为准），在保修期间内，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单向承担。

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.非精创指定专人员或授权服务商检修、拆卸等造成损坏的；
4.超出保修期限有保修范围；
5.产品自然磨损，消耗及老化等(如外壳、线缆等)。

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
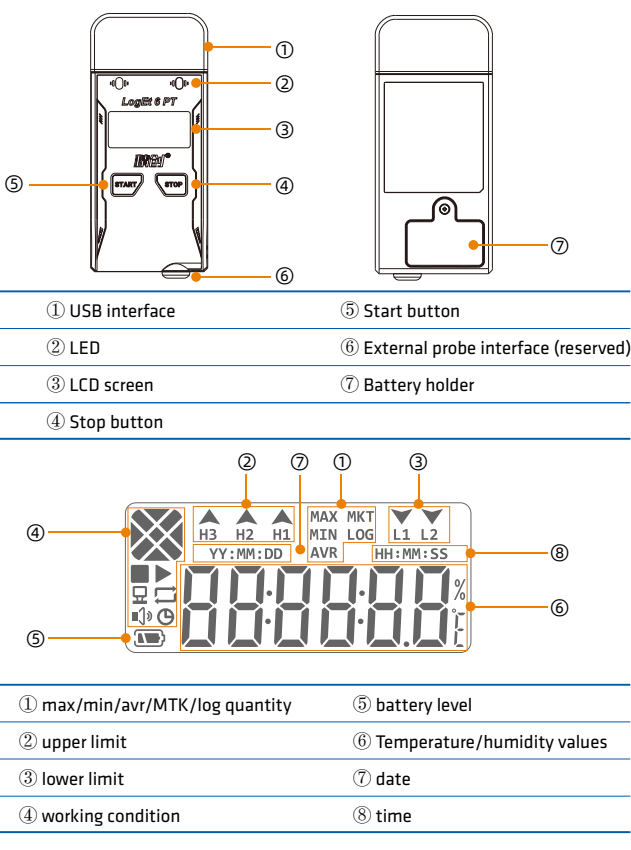
Humidity error:

- 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

LogEt 6 is a disposable dry ice recorder with a built-in probe. Equipped with ultra-low temperature sensors as standard, the entire machine can directly record temperature in an environment of -85 °C. It can export reports or automatically generate PDF files through data center software, with 16000 sets of storage, 30 days of battery life, 2 years of shelf life, and support for shadow data function before and after. Widely used in freezers, medical insulation boxes, laboratories, and other scenarios.

① USB interface	⑤ Start button
② LED	⑥ External probe interface (reserved)
③ LCD screen	⑦ Battery holder
④ Stop button	

① max/min/avr/MTK/log quantity	⑤ battery level
② upper limit	⑥ Temperature/humidity values
③ lower limit	⑦ date
④ working condition	⑧ time

Model List

Model	LogEt 6
configuration	PT
probe Type	Built in ultra-low temperature (dry ice)
Main sensor parameters	temperature sensor
Temperature measurement range	-85℃ ~ 50℃
Temperature measurement accuracy	±0.5℃ (-20℃~40℃) ; ±1℃ (other)
Temperature resolution	0.1℃

Specifications

Storage capacity	16000
Data interface	USB A
Battery	LS14250 lithium battery
Shelf-life	2Years
Battery life	30Days (log interval5min)
Communication module/mode	USB interface
Protection grade	IP65
Product dimensions (height*length*width)	100*46*19mm
Weight	60g
Work environment	-85℃~50℃
Physical buttons	Start/Stop
Alarm method	LED
Adaptation software	Elitechlog

Key functions:

Start button: In normal display mode, press the start button to display the current temperature, and continue pressing to switch temperature data, date and time, number of records, maximum value, and minimum value; Press and hold for 5 seconds to start recording;
Stop button: Long press for 5 seconds to stop recording;

1. Legend status indication:

1. Timed start/Delay start	28	14. High humidity limit	88日
2. Not start	28	15. Low humidity limit	28日
3. Started	308	16. Maximum humidity	638
4. Recorded points	16000	17. Minimum humidity	38
5. Maximum temperature	588	18. Average humidity	538
6. Minimum temperature	28	19. Current date 8 time	180606 / 105028
7. MKT value	88	20. Sensor error	Err
8. Average temperature	88	21. PDF generation progress	PdF 88
9. High temperature limit 3	608	22. No alarm	
10. High temperature limit 2	508	23. Alarmed	
11. High temperature limit 1	408	24. Marked	
12. Low temperature limit 1	108	25.USB communicating	USb
13. Low temperature limit 2	-208		

1. Download software:

Download and install the "Jingchuang Data Center" software www.e-elitech.com/xiazaizhongxin (China), www.elitechlog.com/software (other countries)

2. Read data

① Connect the computer using a USB interface
② Open the "Jingchuang Data Center" and wait for the link to complete.
③ Open the PDF file directly on my computer or open the summary/historical data of "Jingchuang Data Center" to view the data.

⚠ Notes:
Data can be directly read without the need for the "Jingchuang Data Center" software
After the device is taken out of a low-temperature environment, it needs to be left to stand for a period of time and wait for it to return to room temperature before the LCD screen displays data

3. Export data

Click on Summary/Historical Data, select Export Data, and choose the format to export

Host * 1, instruction manual (electronic version), calibration certificate (electronic version)

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.).