((4G+5G))

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Frigga T7   Device ID:T00K0000

T70(4G)
Real-time Monitor (Reusable&Rechargeable)

Effectively conduct real-time temperature monitoring throughout the entire process (-30°C ~ +70°C)

Frigga T70(4G) is a multi-use real-time temperature, humidity and positioning data logger. It can monitor temperature in real time throughout the whole process, and provide real-time location and trajectory. It is a key equipment for logistics and quality departments. The Frigga family of products is helping life sciences customers achieve end-to-end digital management of their supply chains. By visualizing operations during transportation and warehousing, adding alerting mechanisms to prevent loss of goods, automating data analysis to improve compliance, and helping customers efficiently develop and sell their products.

The device is suitable for -30~70°C temperature environment, with built-in digital temperature and humidity sensor. If a lower temperature range is required, other types of products can be consulted.

Key Features and Advantages

- Real-time monitoring of temperature, location information, temperature range -30°C ~ +70°C；

- Built-in heartbeat mode, support remote start, ensure that the device records data throughout the process；

- Real-time reporting and alarming of temperature, humidity, vibration, and location information to prevent and deal with risks caused by temperature fluctuations；

- Send real-time alert via Email, SMS, APPs (Android and IOS)；

- Dual system design: PDF report can be downloaded via USB port or remotely through the Frigga cloud platform

- Large-capacity local storage, keep recording and store during offline mode .Data retransmission once the signal is restored . No data loss.

- Support remote parameter setting, modify alarm threshold, adjust battery life

- Digital display, easy to use.

- Multi temperature point calibration certificates issued by the original factory for each device
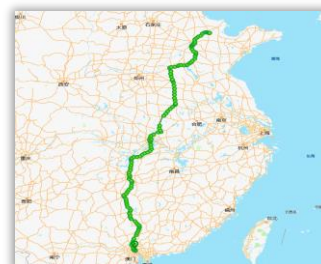
T70(4G)Real-time Monitor (Reusable&Rechargeable)

The Frigga cloud platform provides full visualization of real-time data and alerts. The platform and APP support global use, and monitor the following data in real time throughout the process, such as:

- ● Real-time alarm of temperature
- ● Temperature trend warning
- ● Arrival notification
- ● Vibration monitoring
- ● Real-time positioning of goods
- ● Dynamic playback of the whole trajectory
- ● long-term storage of data

Data are automatically uploaded to the Frigga Cloud platform, providing complete quality traceability and system records to improve the quality of products and services, and to speed up the research and development of pharmaceutical products. Data and analytics, location and trajectory, mobile applications, etc., all help to achieve this goal and drive continuous improvement of the supply chain system.

SPECIFICATIONS

Configure	Parameters
Usage Type	Reusable&Rechargeable
Monitor Information	Temperature, Humidity, Shock, Location, Track routes
Temperature Sensor	Internal Texas Instruments (TI) Brand Digital Sensor (NIST Traceable)
Measurement Range	Temperature：-30°C ~ 70°C (-22°F ~ 158°F) ;Humidity：5%~95%RH
Temperature and Humidity Accuracy Range	Temperature：±0.5°C (-20°C ~ +40°C); ±1°C for other range Humidity：±3%(20%~80%RH); ±5% for other range
Resolution(Temperature/Humidity)	0.1°C / 1%RH
Temperature calibration Certificate	Multi temperature point calibration certificate issued by the original factory
Memory Capacity	Max 50000 readings (Cyclic recording)
Location Type	Base station positioning (even in indoor, freezer and incubator)
Cellular	Global LTE 4G/5G, fallback 2G network.
SIM card	Internal Embedded (Global Data Roaming)
Shelf Time	12 Months
Use Time	Up to 120 days for 1 charge (Reporting interval can be set via platform) • 120 days(120 Min reporting interval) • 60 days(60 Min reporting interval) • 30 days(30 Min reporting interval) • 20 days(20 Min reporting interval) • 10 days(10 Min reporting interval)
Data Logging Interval	1/2/5/10 Min. (settable via platform)
Data Reporting Interval	10 Min. (10/20/30/60/120 Min settable via platform)
Information indication	LCD: Max/Min/Avg temperature, Temperature Alarm, Working Status LED indicator: Over temperature alarm, Charging, Low battery
Environmental Rating	IP64
Cold Chain PDF Report	Get PDF report via USB2.0/ Frigga cloud platform/Frigga Track(Mobile App)
Dimensions/Weight	103 x 65.6 x 18.5 mm/ 160 grams
Certifications	FCC,CE,RTCA/DO-160G,UN38.3,ROHS,WEEE,
Storage temperature range	-10°C ~ +55°C

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