

Reusable Data Logger

Tlog 100



Overview

The Tlog 100 is a high-precision Reusable Data Logger with high measurement accuracy and good sealing performance. It has an LCD screen and an anti-accidental touch sinking button design. There are ordinary USB models and Bluetooth USB models to choose from. It supports built-in single temperature / temperature / humidity, external single temperature / temperature / humidity, external ultra-low temperature and other probes to choose from. PDF reports can be automatically generated, and reports can also be exported through data center software. Bluetooth models can also be exported through APP for product configuration and reports. It supports 32,000 sets of storage and 180 days of battery life. Widely used in refrigerated trucks, refrigerated boxes, cool cabinets, medical cabinets, laboratories and other scenarios.

Features

- High-precision sensor: imported from Sensirion, SHT31 top sensor, original precise adjustment
- Nano-scale packaging process: Nano-scale PTFE film is used to ensure the performance of the sensor while protecting the sensor from liquid and dust contamination
- New air cavity design: based on air flow, the air cavity design maintains the best thermal coupling with the surrounding environment and quickly senses the actual temperature of the environment
- Button groove design: to prevent bumps in the transportation of goods that cause the goods to squeeze the buttons and cause misoperation
- Multi-scenario use: USB, Bluetooth, dry ice, liquid nitrogen series to meet different environmental needs
- Safety and security: in line with the US FDA, UN38.0 NIST CE certification standards, traceability

Model List

Product Model	Tlog 100						Tlog B100		
	T	E	H	EH	EC	EL	H	EH	EC
Configuration	T	E	H	EH	EC	EL	H	EH	EC
Probe Type	Built-in T	External T	Built-in T&H	External T&H	Ultra low T	Ultra low T	Built-in T&H	External T&H	Ultra low T
Temperature Range	-40°C~85°C				-100°C~150°C	-200°C~150°C	-40°C~85°C		-100°C~150°C
Temperature Accuracy	±0.5°C(-40°C~8°C); ±1°C(-100°C~150°C); ±2°C(Other)								
Temperature Resolution	0.1°C								
Humidity Range	/	0~100%RH				/	0~100%RH		/
Humidity Accuracy	/	±3%RH(25°C,20~80%RH); ±5%RH(others)				/	±3%RH(25°C,20~80%RH); ±5%RH(others)		/
Humidity Resolution	/	0.1%RH				/	0.1%RH		/

Specification

Memory Capacity	32000	Protection Class	IP65
Data Interface	USB A	Dimension	115.5×47.0×16.2mm
Battery type	CR2450	Weight	70g
Shelf Life	2 years	Working Environment	-30°C~70°C
Communication	USB Port	Button	Start, Stop
Battery Life	180 days (recording interval is 10min, room temperature, Bluetooth is not turned on)		

Standard Model Disposable USB Data Logger

RC 17



Overview

RC 17 is a compact and portable disposable recorder. It comes standard with a built-in single-temperature sensor and a USB A interface design, which facilitates data reading. It can automatically generate or export PDF reports through the data center software. It supports IP67 protection, has a storage capacity of 16,000 groups, and offers an ultra-long battery life of 180 days. It is widely used in the storage and transportation of food and drugs, such as in scenarios like refrigerated boxes, refrigerated trucks, and containers.

Features

- Comprehensive Protection Design: Rated up to IP67 for dust and water resistance
- Low-Power Design: Ultra-long battery life supporting 180 days of continuous data logging
- Automatic PDF Report Generation: Seamlessly generates compliant reports
- Multiple Configurations Available: Standard, NFC-enabled, and Foam-Encased models

Model List

Product Model	RC 17	RC 17N	RC 17R
Configuration	T		
Probe Type	Built-in temperature		
Temperature Range	-30°C~70°C		
Temperature Accuracy	±0.5°C(-40°C~85°C); ±1°C(others)		
Temperature Resolution	0.1°C		

Specification

Product Model	RC 17	RC 17N	RC 17R
Memory Capacity	16000		
Data Interface	USB A		
Battery type	CR2450		CR2032
Shelf Life	2 years		18 months
Battery Life	180 days (with a recording interval of 18 mins)		
Communication	USB Port	USB Port, NFC	USB Port
Protection Class	IP67		
Dimension	93*58*8mm		93*58*6mm
Weight	20g		10g
Working environment	-30°C~70°C		

Magnetic Refrigerator Data Logger

GSP 6Pro



Overview

GSP 6Pro is a multi use data logger that supports Bluetooth connection. It consists of a main unit and a probe. The main unit has a magnetic back design, which can be adhered to the metal shelves of the refrigerator. The probe is connected to the main unit via a TYPEC interface. Its Bluetooth function supports operations such as parameter configuration, data export / printing, etc. It supports two power supply methods: battery and external power supply, enabling more application scenarios. The battery life can last up to 2 years. It has a storage capacity of 100,000 points. It has various practical functions such as over-limit record alarm, sound and light alarm, shadow data, etc., and is widely used in fixed scenarios such as refrigerators, cold storage cabinets, freezers, and refrigerators in various industries.

Features

- Supports Bluetooth mobile phone operation, parameter configuration, data query / export, and printing
- Supports dual-channel, temperature and humidity free combination
- Supports various power supply schemes, including lithium battery, dry battery, and TYPEC power supply
- Sound and light alarm, automatically shortens the record interval, recording the temperature changes of the over-limit history
- Backward magnetic suction design, no installation required, can be installed on refrigerators, metal shelves, etc

Model List

Configuration	THE	TE + THE(T)	TE + THE(H)	Gle	GTDE	TLE
Probe Type	External T & H	External T & T-H	External T & T-H	Single-gel bottle	Double gel bottle	External ultra-low T
Temperature Range	External: -40°C~85°C					External: -196°C~150°C
Temperature Accuracy	±0.5°C(-40°C~85°C); ±1°C(-100°C~150°C); ±2°C(Other)					
Temperature Resolution	0.1°C					
Humidity Range	0%~100%			/		
Humidity Accuracy	±5%RH			/		
Humidity Resolution	0.1%RH			/		

Specification

Memory Capacity	100000	Weight	170.6g
Data Interface	Type-C	Working environment	-30°C~50°C
Communication	TYPE-C interface / Bluetooth	Button	Home button
Protection Class	IP64	Alarm Method	Buzzer
Dimension	118.8×64.6×19.6 mm	Installation Method	Magnetic
Battery	3.6V lithium battery / 1.5V dry battery / 5-cell battery / external power supply via TYPEC port / AA battery		