SINGLE USE
TEMPERATURE DATA LOGGER

TEMPCHROME 5-T

PRODUCT INSTRUCTION DIAGRAM

- USB Connector
- LED Screen
- Battery level (days)
- Start/Stop button
- In range
- Max temperature
- Min temperature
- Avarage temperature

PRODUCT DESCRIPTION

TempChrome 5-T is a single use temperature data logger. This data logger is designed for recording and monitoring the temperature changes of sensitive products during their transportation and storage. They can be widely used in each stage of cold chains, such as refrigerated containers, refrigerated trucks, cooler bags, cooling cabinets, medical cabinets, freezers, and laboratories.

This series of data loggers feature a large LCD screen for intuitive display. They can work for up to 120 days. Parameters can be configured on our free configuration software. After the trip is finished, connecting this logger to the computer, then PDF/CSV/PDF&CSV reports will be generated automatically without using the software.

FEATURES

Parameters configurable

Its parameters can be preset according to your needs on our free configuration software.

Long battery life and large memory capacity

This usb temperature data logger can work for up to 120 days. And its memory capacity can reach up to 65000 readings.

Small size but large display

This temperature data logger has a compact profile and lightweight design, but the LCD screen accounts for a large proportion. It can show ample and various data intuitively. Moreover, its green and red LED lights can indicate its different status.

Easy to place and operate

The small and light disposable USB thermograph can be placed anywhere. It requires no software or drivers to set up or download data.

Alarm for abnormal status

Once the temperature is out of the configured alarm range, this single use temperature data logger will alarm through the alarm symbol on the LCD screen and the red LED light will flash.

Encrypted reports automatic generation

After the trip is finished, connect the usb temperature logger to the computer, the irreversible reports with graphs and tables will be generated automatically, with no cable or reader required.

IP65 protection grade

A protective plastic case helps keep the USB temperature sensor dry and eliminates concerns when transporting products with cold packs, ice, or in damp environments.

TEMPCHROME 5-T

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SPECIFICATIONS

MODEL	TempChrome 5-T	WORKING DAYS	Up to 120 days
TEMPERATURE RANGE	-30℃~70℃	TEMPERATURE ACCURACY	±0.5℃ at full range (-30℃ to +70℃)
LOGGING INTERVAL	Configurable	CONNECTION	USB, NFC (optional)
START DELAY	Configurable	PROTECTION GRADE	IP65
MEMORY CAPACITY	PDF: Max. 65000 readings PDF&CSV: Max. 20000 readings	BATTERY	CR2032
DISPLAY	LCD, LED	ALARM POINTS	Max. 6 alarm points
DIMENSIONS	94mm(L)*41mm(W)*8mm(H)	WEIGHT	27.5g

APPLICATIONS

TempChrome 5-T single use temperature data logger is important to cold chain transportation for perishable products, especially food products. The non-breaking cold chain could guarantee food products maintain high quality and optimum shelf life.

For meat and fish products, also called frozen food, it is very important to keep the growth of microbes as low as possible by maintaining temperature threshold values.

For fruits and vegetables, the most important thing is to prevent them from ripening too early. Fruits, vegetables, and flowers are highly perishable commodities that require proper environmental monitoring in post-harvest processing to maximize freshness, quality, and shelf life from the field to the table.

The environmental condition of temperature-sensitive products must be carefully monitored and documented during handling and storage, to ensure food safety, quality, and longer shelf life, especially for highly perishable products such as produce, dairy, seafood, meat, poultry, and floral product.

The data recording by these usb temperature data loggers is the necessary evidence for the product owner and the cold chain carrier if the cold chain performance objection is required.

Freshliance provides all kinds of temperature data logging or temperature and humidity data logging solutions to make sure every change in the whole cold chain solution will be traced and recorded. Irreversible PDF Logging, CSV temperature history, and online IOT logging in any format are available.