

TEMPU TEMPERATURE RECORDER



Product Description

The TempU temperature recorder is a single-use and cost-effective solution that optimizes the cold chain by sending alerts to manufacturers, handlers, and shippers when a product or shipment has been exposed to temperature conditions beyond a specified threshold (2-8°C). When the temperature has been out of range, the red LED will flash every 10 seconds.

Highly sensitive, this 60-day temperature data recorder generates detailed and accurate PDF report of the entire trip (captures data every 10 minutes). When the shipment experiences temperature conditions beyond the preset limit, the temperature alarms will be marked in red. Users can access the report by carefully tearing or cutting away the waterproof packaging and inserting the data logger into a PC USB port. The OK and ALARM lights will alternately flash when the PDF report is being generated.

Industries Served

- Aerospace
- Defence
- Electronics
- Engineering
- Food
- Logistics
- Pharmaceutical
- Power and Refinery
- Retail
- Research



1. Press button to start



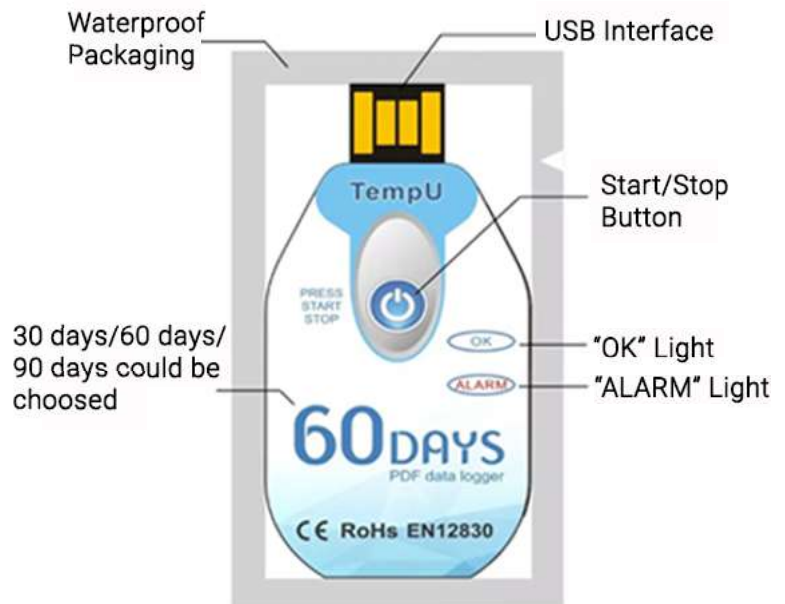
2. Pack into shipment



3. Log temperature



4. Insert into USB port to create PDF report



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Key Features

- Captures data every 10 minutes
- +/- 0.5 C temperature accuracy
- No software
- Simple on/off operation with button press
- Generates detailed PDF report of trip data
- 2-year battery life
- 60-day temperature recorder
- Precise and highly sensitive
- Temperature alarm reporting and mark in red LED
- Designed for logistics temperature monitoring



Product Applications

- Floral
- Specimens
- Chocolate
- Tissue samples
- Pharmaceutical
- Meal delivery
- Raw and cooked meats
- Chemicals

To Determine Logger Status:

Status	Action	LED Indication
Logger Inactive	Short press of the START/STOP button once to determine if the logger is activated	ALARM and OK lights will flash once at the same time
Logger Stopped	Short press of the START/STOP button No button press	OK light will flash – temperature within range ALARM light will flash – temperature out of range Neither ALARM nor OK lights will flash
Logger Active	N/A	OK light will flash every 10 seconds if the temperature has remained in range ALARM light will flash if temperature alarm has been experienced

START/STOP	LED Indication	Note
Press START/STOP button and hold approximately 3 seconds	OK light will illuminate	Data logger started
When logger is running, press the START/STOP button and hold approximately 3 seconds	ALARM light will illuminate	Data logger stopped

Product Specifications

Technical Specifications	
Monitor Recording Options	Single use
Temperature Range	-30°C to +60°C
Temperature Accuracy	±0.5°C (-20°C/+40°C); ±1°C (other <u>range</u>)z
Temperature Resolution	0.1°C
Data Storage Capacity	10,000 Readings
Shelf Life/Battery	2 years / CR2032 button cell
Recording Interval	10 minutes
Recording Duration	60 days (standard, others on request)
Temperature Alarm	<2°C and >8°C
Alarm Delay	0 minutes
Alarm Type	Red LED will flash every 10 seconds if the temperature has been out of range
Start Delay	30 mins
Report Generation	Automatic PDF report
Waterproof Level	IP67 (with Seal-Bag)
Dimensions	69mm x 33mm x 5mm
Weight	10gzz

Related Products



Ice Peak Ice Gel Pack



FlashLink® PDF In-Transit Data Logger



HAXO - 8



FlashLink® Mini In-Transit Logger



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