

User Manual – tempmate.®

Single-Use Temperature Logger



Notes

- 🔌 When **tempmate.®** logger is stopped and connected to the computer the first time, both LEDs are flashing to indicate the PDF report is in process of generation. At this time, please do not unplug the logger until both LEDs are on, which indicates the finished PDF generation.
- 🔌 A stopped **tempmate.®** logger cannot be started again.
- 🔌 Do not place **tempmate.®** logger into corrosive liquid.
- 🔌 The battery of **tempmate.®** loggers is a non-exchangeable CR2032 lithium battery. Please do not expose to direct heat. Do not place in microwave.
- 🔌 Store **tempmate.®** loggers under room temperature conditions and do not use it after the noted expiry date.
- ♻️ Please recycle or dispose **tempmate.®** loggers in accordance with local laws and regulations.

1:1 Time zone conversion table

The time of **tempmate.®** loggers PDF is UTC. Please take the difference to your local time into consideration.

Value	Time Zone
(UTC + 13:00)	Nuku'alofa
(UTC + 12:00)	Auckland, Wellington, Fiji, Karnchatka, Marshall Is.
(UTC + 11:00)	Magadan, Solomon Is., New Caledonia
(UTC + 10:00)	Brisbane, Canberra, Melbourne, Sydney, Hobart, Vladivostok, Guam, Port Moersby
(UTC + 09:00)	Yakutsk, Osaka, Sapporo, Tokyo, Seoul, Adelaide, Darwin
(UTC + 08:00)	Perth, Taipei, Kuala Lumpur, Singapore, Irkutsk, Ulaan Bataar, Beijing, Chongqing, Hong Kong, Urumqi
(UTC + 07:00)	Krasnoyarsk, Bangkok, Hanoi, Jakarta
(UTC + 06:00)	Astana, Dhaka, Yangon (Rangoon), Almaty, Novosibirsk
(UTC + 05:00)	Ekaterinburg, Chennai, Kolkata, Mumbai, New Dehli, Kathmandu, Islamabad, Karachi, Sri Jayawardenepura, Tashkent
(UTC + 04:00)	Kabul, Abu Dhabi, Muscat, Yerevan, Baku, Caucasus Standard Time
(UTC + 03:00)	Moscow, St. Petersburg, Volgograd, Tehran, Tbilisi, Nairobi, Baghdad, Kuwait, Riyadh
(UTC + 02:00)	Minsk, Cairo, Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius, Athens, Bucharest, Istanbul, Jerusalem, Amman, Beirut, Harare, Pretoria
(UTC + 01:00)	Brussels, Copenhagen, Madrid, Paris, West Central Africa, Sarajevo, Skopje, Warsaw, Zagreb, Belgrade, Bratislava, Budapest, Ljubljana, Prague
(UTC ± 00:00)	Dublin, Edinburgh, Lisbon, London, Monrovia, Reykjavik, Casablanca
(UTC - 01:00)	Azores, Cape Verde Is.
(UTC - 02:00)	Mid-Atlantic
(UTC - 03:00)	Buenos Aires, Brasilia, Greenland, Monetvideo, Newfoundland, Georgetown
(UTC - 04:00)	Atlantic Time (Canada), Manaus, Santiago, La Paz, Caracas
(UTC - 05:00)	Eastern Time (US & Canada), Bogota, Lima, Quito, Rio Branco
(UTC - 06:00)	Central Time (US & Canada), Guadalajara, Mexico City, Monterrey, Central America
(UTC - 07:00)	Mountain Time (US & Canada), Arizona, Chihuahua, La Paz, Mazatlan
(UTC - 08:00)	Pacific Time (US & Canada)
(UTC - 09:00)	Alaska
(UTC - 10:00)	Hawaii
(UTC - 11:00)	Midway Island, Samos
(UTC - 12:00)	International Date Line West

tempmate.®



CAUTION
Temperature monitoring in progress.

General Information

Shipper

Container No.

Truck No.

B/L No.

Ref No.

Contents

Logger Serial No.

Start Date

Start Time

Departure Port

Arrival Port

Temperature Required

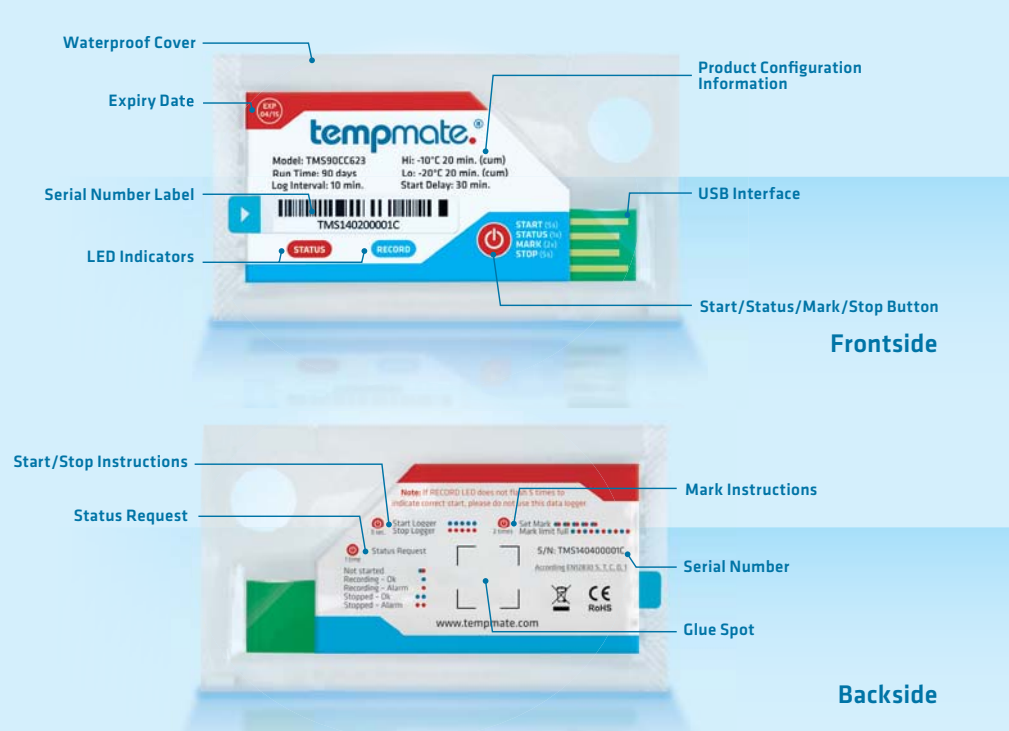
°C °F

Attach tempmate.® logger
HERE



For more information about tempmate.® temperature loggers, please visit our website.

tempmate.com



Product Overview

This document describes specific validation procedures executed for **tempmate.®** data logger, for the purpose to ensure the proper operation of **tempmate.®** data logger and provide a reliable temperature and time record during transportation and storage.

Technical Parameters

Temperature Unit	Celsius (°C)	Report Type	Encrypted PDF file
Temperature Range	-30 °C to +70 °C	Data Interface	USB (USB tempmate.® device)
Operating Temperature	-30 °C to +70 °C	Battery	CR2032 lithium battery
Resolution	0.1 °C	Shelf Life	1 year (Expiry Date on frontside)
Accuracy	±0.5 °C (-20 °C to +40 °C); ±0.1 °C for other range	Supported OS	Windows or Mac
Runtime	6, 15, 30, 60 or 90 days (depending on model)	Time Zone	UTC (UTC = GMT)
Alarm Thresholds	Optional available	Protection Class	IP67 (waterproof)
		Size	80.00 mm / 47.3 mm / 4.4 mm (l/w/h)
		Weight	approx. 10 g

Operation Instructions



- 01 Keep button pressed for minimum 5 seconds to start recording. Then **RECORD LED** flashes 5 times, which indicates a successful starting. Tear off serial number label for your reference.



- 02 Press button once at any time to check current status of the logger. Double-click button to set a mark in the report. See details of these optional features in tables below.



- 03 Keep button pressed for minimum 5 seconds to stop recording. Then **STATUS LED** flashes 5 times, which indicates a successful stopping.



- 04 After stopping record, tear off the transparent plastic cover and connect the logger to a USB port of the computer. The PDF report will be generated automatically and can be found in the device's „tempmate“ folder.

Operation Indication

Start / Stop

Status	Action	LED confirmation
Start Logger	5 sec pushing button	RECORD LED flashing 5 times ●●●●●
Set Mark	double-click button	STATUS LED + RECORD LED flashing 5 times ●●●●●●●●
Stop Logger	5 sec pushing button	STATUS LED flashing 5 times ●●●●●

Status Request by pushing Button 1 time

Status	Action	LED confirmation
Not Started	push button 1 time	STATUS LED + RECORD LED flashing 1 time ●●
Recording - OK	push button 1 time	RECORD LED flashing 1 time ●
Recording - Alarm	push button 1 time	STATUS LED flashing 1 time ●
Stopped - OK	push button 1 time	RECORD LED flashing 2 times ●●
Stopped - Alarm	push button 1 time	STATUS LED flashing 2 times ●●