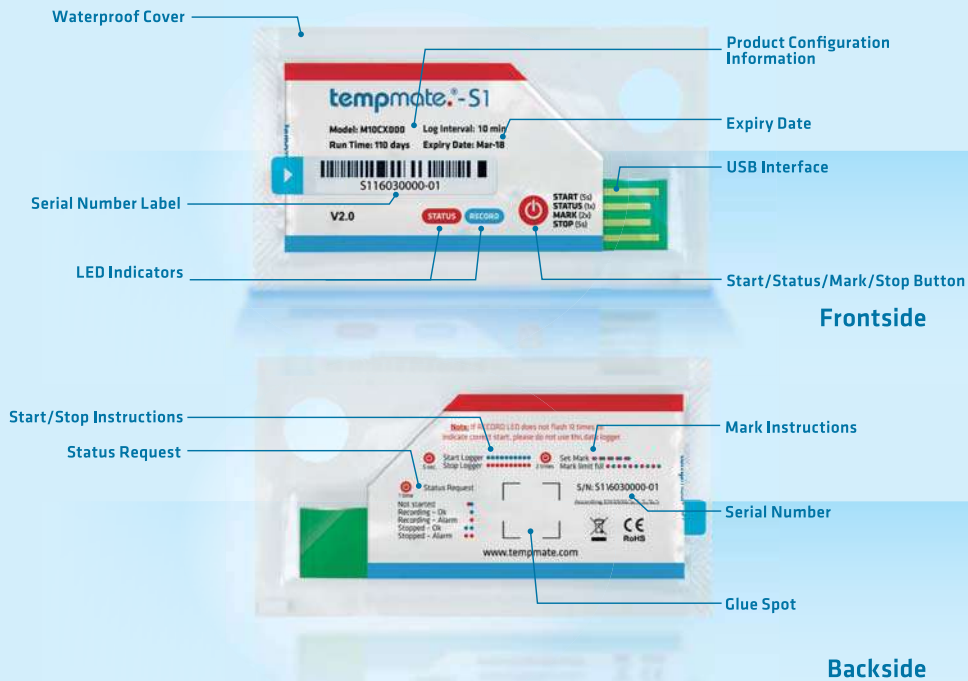


User Manual – tempmate.®-S1

Single-Use Temperature Logger



Product Overview

This document describes specific validation procedures executed for **tempmate.®-S1** data logger, for the purpose to ensure the proper operation of **tempmate.®-S1** data logger and provide a reliable temperature and time record during transportation and storage.

Technical Specifications

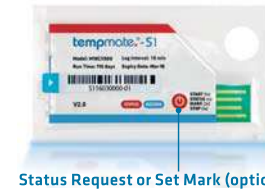
Temperature Unit	Celsius (°C)	Report Type	Encrypted PDF file, CSV
Temperature Range	-30 °C to +70 °C	Data Interface	USB (USB tempmate.® device)
Operating Temperature	-30 °C to +70 °C	Battery	CR2450 lithium battery
Resolution	0.1 °C	Shelf Life	2 years (Expiry Date on frontside)
Accuracy	±0.5 °C (-20 °C to +40 °C) ±1 °C for other range	Supported OS	Windows or Mac
Runtime	Up to 160 days (depending on model)	Time Zone	UTC (UTC = GMT)
Alarm Thresholds	Optional available	Protection Class	IP67 (waterproof)
Programmable	Optional via tempbase.®-D Software (V2.0 or newer)	Size	80.00 mm / 47.3 mm / 7 mm (l/w/h)
		Weight	approx. 15 g
		Storage Conditions	+15 °C to +23 °C / 45% rH to 75% rH

V5.0

Operation Instructions



- Keep button pressed for minimum 5 seconds to start recording. Then **RECORD LED** flashes 10 times, which indicates a successful starting. Tear off serial number label for your reference.



- 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.



- Keep button pressed for minimum 5 seconds to stop recording. Then **STATUS LED** flashes 10 times, which indicates a successful stopping.



- After stopping record, tear off the transparent plastic cover and connect the logger to a USB port of the computer. The PDF and CSV 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	10 sec pushing button	RECORD LED flashing 10 times ●●●●●●●●●●
Set Mark	double-click button	STATUS LED + RECORD LED flashing 5 times ●●●●●
Stop Logger	10 sec pushing button	STATUS LED flashing 10 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 ●●

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