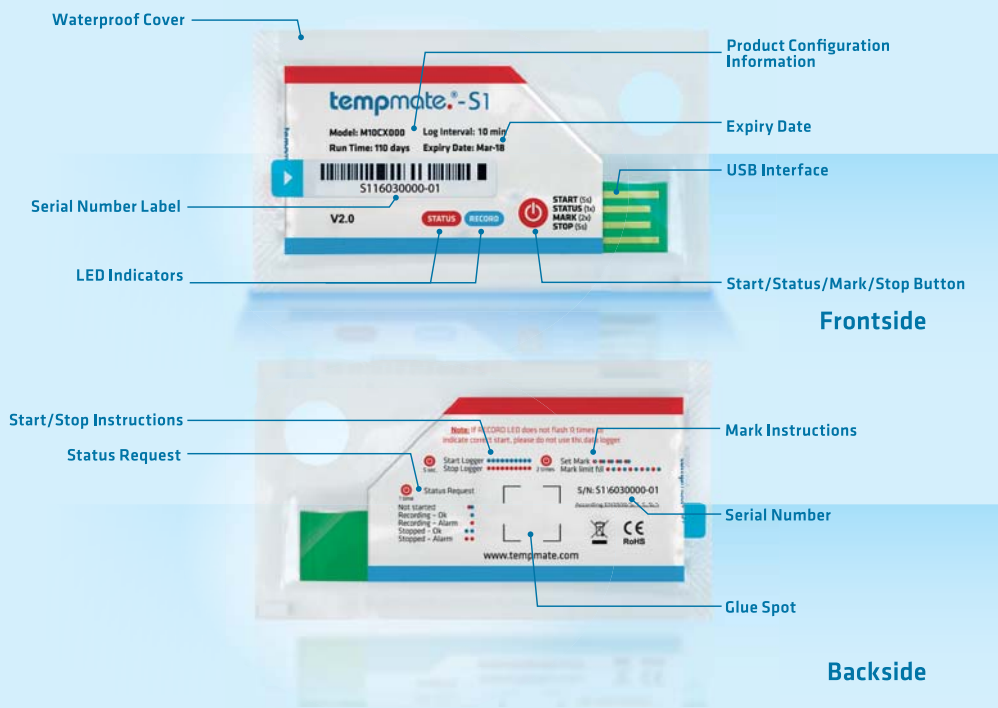


User Manual – tempmate.® -S1

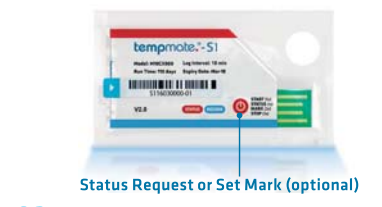
Single-Use Temperature Logger



Operation Instructions



01 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.



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 10 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 and CSV report will be generated automatically and can be found in the device's „tempmate“ folder.

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)
Temperature Range	-30 °C to +70 °C
Operating Temperature	-30 °C to +70 °C
Resolution	0.1 °C
Accuracy	±0.5 °C (-20 °C to +40 °C) ±1 °C for other range
Runtime	Up to 160 days (depending on model)
Alarm Thresholds	Optional available
Programmable	Optional via tempbase.®-D Software (V2.0 or newer)
Report Type	Encrypted PDF file, CSV
Data Interface	USB (USB tempmate.® device)
Battery	CR2450 lithium battery
Shelf Life	2 years (Expiry Date on frontside)
Supported OS	Windows or Mac
Time Zone	UTC (UTC = GMT)
Protection Class	IP67 (waterproof)
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

Operation Indication

Start / Stop

Status	Action	LED confirmation
Start Logger	5 sec pushing button	RECORD LED flashing 10 times ●●●●●●●●●●
Set Mark	double-click button	STATUS LED + RECORD LED flashing 5 times ●●●●●
Stop Logger	5 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 ●●