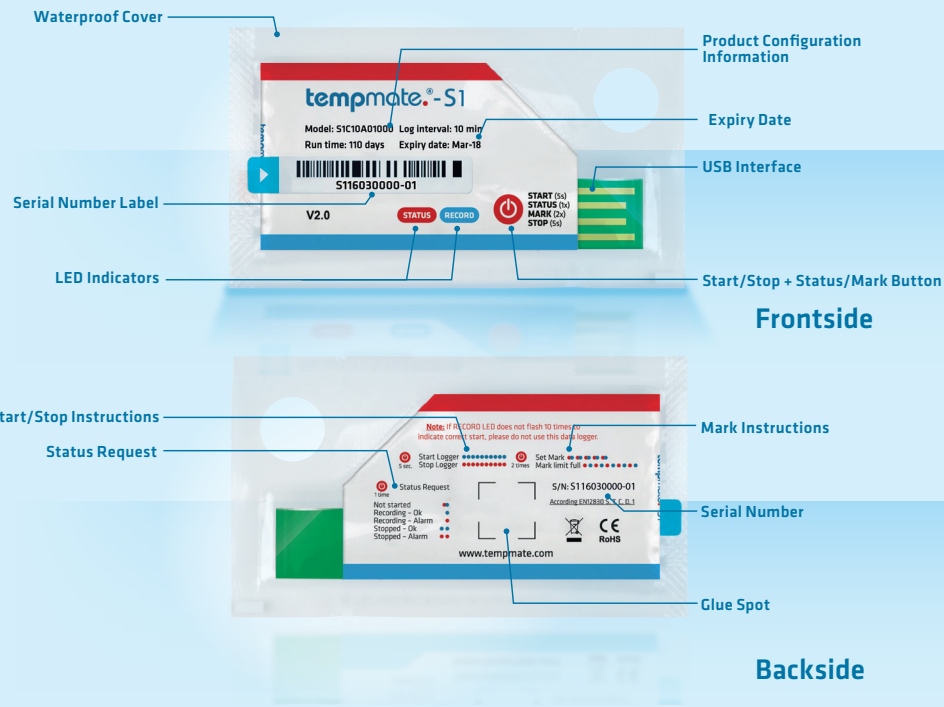
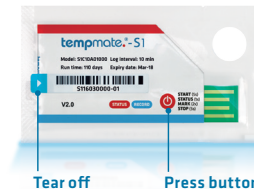


User Manual – tempmate.®-S1

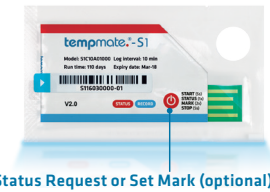
Single-Use Temperature Logger



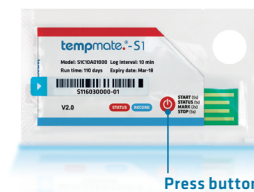
Operation Instructions



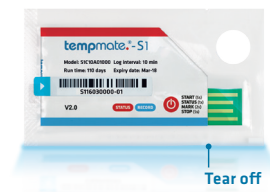
- 01 Keep button pressed for minimum 5 seconds to start recording. Then **RECORD LED** flashes 10 times, which indicates a successful starting. Tear off serial number label for your reference.



- 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.

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 ●●

Product Overview

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

Technical Specifications		Certifications	EN 12830, CE, RoHS
Recording Options	Single-Use	Validation Certificate	Hardcopy and PDF file in memory
Temperature Range	-30 °C to 70 °C	Software	PDF or CSV Reader / tempbase.®-D optional
Temperature Accuracy	±0.5 (-20°C/+40°C); ±1.0 (other range)	Report Generation	Automatic PDF & CSV report
Temperature Resolution	0.1 °C	Password Protection	Optional on request
Data Storage Capacity	16.000 readings	Connection Interface	USB 2.0, A-Type
Shelf Life / Battery	2 years ¹ / CR2450 button cell	Alarm Configuration	Optional, up to 5 points
Recording Interval	10 minutes (standard, others on request)	Reprogrammable	With free tempbase.®-D software
Recording Duration	up to 110 days ² (standard, others on request)	Accessories incl.	Shipping Documents, Certificate, Reprogram Label and Seal-Bag
Startup Mode	Button or software		
Stop Mode	Button, software or stop when full		
Protection Class	IP67 / NEMA 6		
Dimensions	83 mm × 47 mm × 7 mm (L × W × H)		
Weight	14.6 g		

1 Depending on optimal storage conditions (+15°C to +23°C / 45% to 75% rh)
2 Depending on application temperature (very low / high temperatures may shorten it)