

# tempmate.®-S1 v2

➔ Single-Use USB Data Logger for Cold Chain Temperature Monitoring



NEW  
FEATURES  
V2



➔ 2 Years Shelf-Life<sup>1</sup>

➔ Automatic PDF & CSV Report

➔ Up to 180 Days<sup>2</sup> Recording

➔ Reprogrammable

➔ Comes with a 6 point Certificate of Validation

➔ Secure and easy download of encrypted data files

➔ Up to 5 Alarm Limits

➔ Backup-Log Feature<sup>3</sup>

1 Depending on Storage Conditions | 2 Depending on Configuration | 3 Background Logging, even if stopped too early



PHARMACEUTICAL  
PRODUCTS



FOOD & PRODUCE



TECHNICAL  
PRODUCTS

## Outstanding Single-Use Temperature Logger, for Reliable Cold Chain Monitoring.

The new **tempmate.®-S1 v2** loggers have an integrated USB port and PDF & CSV generating software on-board, so no further software or hardware is required to connect the logger and read the recorded temperature data. **tempmate.®-S1 v2** data loggers have an accuracy of +/- 0.5°C and come with a 6 point NIST traceable Certificate of Validation. This validation, straight from the manufacturer, saves you time, money, and offers quality assurance for your compliance needs.



USB  
Connection



IP 67  
Protected



Temperature Range  
-30°C to +70°C



GDP  
Compliant



EN 12830  
Compliant



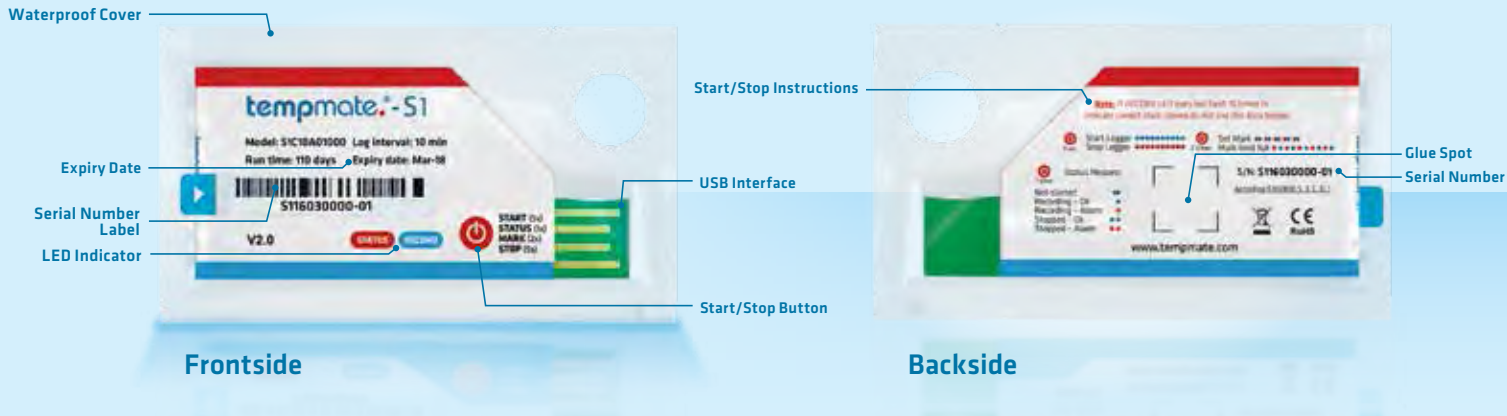
Automatic PDF  
& CSV Report



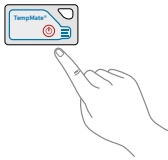
Germany  
Quality

# tempmate.<sup>®</sup>-S1 v2

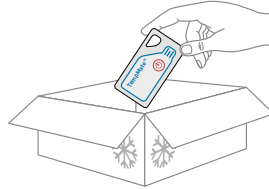
If temperature matters.



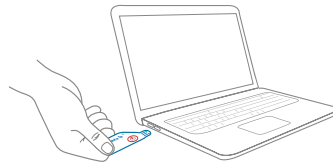
## Easy Handling



**01** Preconfigured and ready to use



**02** Add started tempmate.<sup>®</sup>-S1 to your Shipment



**03** Connect stopped Logger directly to USB Port



**04** Automated PDF & CSV Report with all Details

## Curious about your Cold Chain?

tempmate.<sup>®</sup>-S1 continuously monitors all relevant data.

tempmate.<sup>®</sup>-S1 loggers are specially designed for temperature monitoring in any cold chain logistics. As a pre-programmed device tempmate.<sup>®</sup>-S1 can be instantly used to monitor your temperature sensitive consignment. The automatically created PDF and CSV report, containing detailed information such as data curve, every single measurement as a table and statistical information. The optional tempbase.<sup>®</sup> software for data management and reprogramming can be downloaded for free. Moreover, the device does not require labeling per IATA's Dangerous Goods Regulations.

## Your Benefits at a Glance

- + Cost-Effective and Reliable
- + Smart Design, Intuitive Operation
- + Waterproof and Food Grade Packing
- + No Additional Hardware or Software Required
- + Detailed PDF and CSV Report Including Graph and Table
- + Intelligent LEDs for Status Monitoring
- + Extended Shelf-Life of 2 Years
- + Reprogrammable

## Technical Specifications

<b>Recording Options</b>	Single-Use
<b>Temperature Range</b>	-30 °C to 70 °C
<b>Temperature Accuracy</b>	±0.5°C (-20°C/+40°C); ±1.0°C (other range)
<b>T90</b>	3min ( internal sensor )
<b>Temperature Resolution</b>	0.1°C
<b>Data Storage Capacity</b>	16.000 readings
<b>Shelf Life / Battery</b>	2 years <sup>1</sup> / CR2450 button cell
<b>Recording Interval</b>	10 minutes (standard, others on request)
<b>Recording Duration</b>	up to 110 days <sup>2</sup> (standard, others on request)
<b>Startup Mode</b>	Button or software
<b>Stop Mode</b>	Button, software or stop when full
<b>Protection Class</b>	IP67 / NEMA 6

<b>Weight</b>	14.6 g
<b>Dimensions</b>	83 mm × 47 mm × 7 mm (L × W × H)
<b>Certifications</b>	EN 12830, CE, RoHS
<b>Validation Certificate</b>	Hardcopy and PDF file in memory
<b>Software</b>	PDF or CSV Reader / tempbase. <sup>®</sup> optional
<b>Report Generation</b>	Automatic PDF & CSV report
<b>Password Protection</b>	Optional on request
<b>Connection Interface</b>	USB 2.0, A-Type
<b>Alarm Configuration</b>	Optional, up to 5 points
<b>Reprogrammable</b>	Yes, with free tempbase. <sup>®</sup> software
<b>Accessories incl.</b>	Shipping Documents, Certificate, Reprogram Label and Seal-Bag

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)