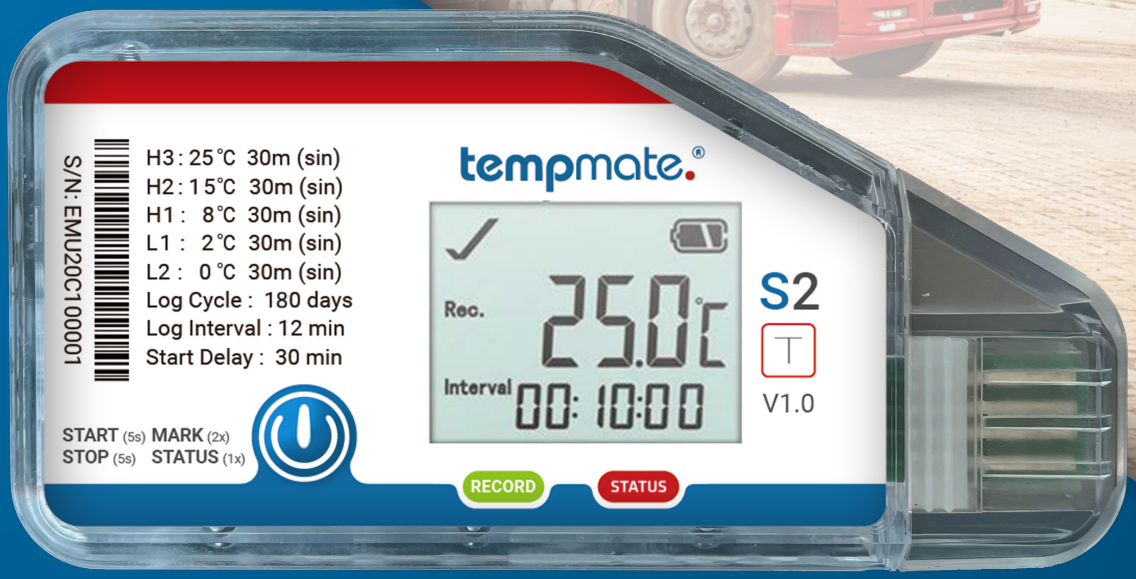
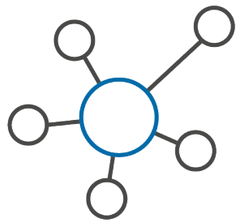
tempmate®

Take a first look at the new

tempmate®-S2

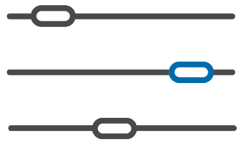


BENEFITS



WIDE RANGE OF APPLICATIONS

Various high-precision sensors allow the tempmate.®-S2 to meet a wide range of requirements. In addition to the usual temperature influences, you can also use this device to precisely check the effects of rel. humidity and ambient light on your goods. As a result of the built-in batteries, this data logger is suitable for air transport and does not restrict you in any way in the choice of the means of transport.



DAMAGE CONTROL

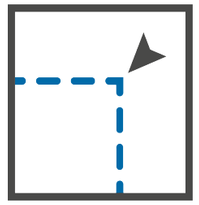
The tempmate.®-S2 offers you many possibilities to quickly detect if your goods have been exposed to wrong environmental and physical influences. By setting up to 6 alarm limit values adapted to your goods, you can detect risks in time. 2 LEDs provide immediate information about the condition of your goods and the integrated LCD shows you detailed information about the current conditions.

COST-EFFICIENT

Often the purchase price alone is not the only thing you need to consider when implementing data loggers into your daily operations. The tempmate®.-S2 does not require any accessories and can be configured by yourself with free software if required. With this solution, you will not incur any licence fees or hidden costs. The easy handling saves you time and staffing costs.

RELIABLE

The tempmate.®-S2 not only offers high-quality sensor technology, but also a backup log that prevents your important data from being lost. Together with password protection, you get a device that not only reliably records your data, but also protects it from loss and misuse. Finally, the environmentally friendly hard case makes the tempmate.®-S2 a robust companion for your goods and a protector of your data.

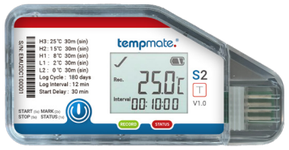


SPACE SAVING

The tempmate.®-S2 measures 93 x 47 x 8 mm and as such, it is just about the size of a bank card. With a total weight of only 30g, there is hardly any area from where this device cannot be attached with the help of the adhesive fastening (already attached).

SIMPLE HANDLING

Only one button is needed to operate the tempmate.®-S2 - everything else happens almost by itself. A PDF & CSV with your important data is automatically created when the device is stopped. It can be easily analysed and archived via the built-in USB interface. Do you have special requirements for monitoring your goods? You can purchase the tempmate.®-S2 from us, pre-configured and customised to your needs.

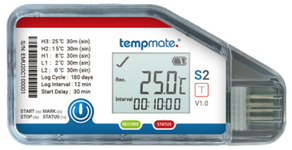


Main Technical Specifications tempmate.®-S2 T

Recording Options	Single-Use
Dimension [mm]	93 x 47 x 8 mm
Weight [g]	30g
Casing	Ecofriendly Hardcase
Battery	CR2450 lithium metal button cell battery
Connection Interface	USB 2.0, A-Type (integrated)
Display	Multifunction LCD
Protection Class	IP65
Shelf Life	24 months
Temperature Range	–30 °C to 70 °C
Temperature Accuracy	±0.3°C (-20 to 40°C) ±0.5 (others)
Temperature Resolution	0.1 °C
Humidity Range	n/a
Humidity Accuracy	n/a
Humidity Resolution	n/a
Ambient Light Sensor	Yes
Memory Capacity (measurements)	32,000 points (T)
Run Time (Logging Interval)	Up to 180 days (10 min.) = Standard Model Other models only on request
Data Export	PDF & CSV
Alarm Configuration	up to 5 points customizable, single or comulative
Startup Mode	Button
Stop Mode	Button or by Software

Other Specifications

Temporary PDF	The PDF Report is available at anytime without stopping the Logger
Software	PDF reader + optional tempbase 2 Software
Reprogrammable	Yes, with optional tempbase 2 Software
Backup-Log-Feature	Yes
Custom ID and Travel Description	Yes
Calibration Certificate	Yes, with 6 points (hardcopy) & PDF in memory
Conformity	EN 12830, CE, RoHS
Serial Number Identification	Yes



Main Technical Specifications tempmate.®-S2 TH

Recording Options	Single-Use
Dimension [mm]	93 x 47 x 8 mm
Weight [g]	30g
Casing	Ecofriendly Hardcase
Battery	CR2450 lithium metal button cell battery
Connection Interface	USB 2.0, A-Type (integrated)
Display	Multifunction LCD
Protection Class	IP52
Shelf Life	24 months
Temperature Range	–30 °C to 70 °C
Temperature Accuracy	±0.3°C (-20 to 40°C) ±0.5 (others)
Temperature Resolution	0.1 °C
Humidity Range	0 - 100 %rH
Humidity Accuracy	±3%rH (20 to 80%rH) ±5% (others, at 25°C)
Humidity Resolution	0.1 %rH
Ambient Light Sensor	Yes
Memory Capacity (measurements)	32,000 points (T/rH)
Run Time (Logging Interval)	Up to 180 days (10 min.) = Standard Model Other models only on request
Data Export	PDF & CSV
Alarm Configuration	up to 5 points temperature and 2 points humidity customizable
Startup Mode	Button
Stop Mode	Button or by Software

Other Specifications

Temporary PDF	The PDF Report is available at anytime without stopping the Logger
Software	PDF reader + optional tempbase 2 Software
Reprogrammable	Yes, with optional tempbase 2 Software
Backup-Log-Feature	Yes
Custom ID and Travel Description	Yes
Calibration Certificate	Yes, with 6 points (hardcopy) & PDF in memory
Conformity	EN 12830, CE, RoHS
Serial Number Identification	Yes

ETHICAL & SUSTAINABLE

This mission statement sets out the company's purpose and values, as well as the business principles that dictate our work. We achieve our goals together. We are guided by our desire to act ethically, sustainably and responsibly towards humanity and the environment.

Developing our existing technology and connecting them digitally to make them more economical, accurate and future-proof – this is our goal with tempmate.®. We want to make the production, pre-production and downstream processes even more efficient and sustainable.

LIVING BY COLLECTIVE VALUES

We draw our strength from the constructive and respective co-operation between the management board and all members of staff. We approach new projects and new tasks with courage and determination. We train our employees and help them to grow over the long term. We encourage our employees to think for themselves so that they can create new innovations for our customers.

Courage is a challenge that we are constantly setting ourselves. Our actions are shaped by our respect and appreciation of humanity and the environment. With each new product, we are integrating more and more sustainable elements and avoiding wasting important resources. Our solutions create freedoms rather than dependencies.

Our customers are at the heart of our daily work and our shared success is what matters most. Appreciation is more than just a word for us – it is what sets all employees at tempmate.® apart.
We stand for enthusiasm and mutual trust, for a positive, friendly atmosphere, for reliability and entrepreneurial spirit and for action at all levels.
We are striving towards a long-term relationship with our business partners, and one that is shaped by fairness, trust and reliability. We achieve our goals together and are reducing waste across all sectors.

Andreas Stoll
CEO

CONTACT INFORMATION

Do you have any questions? Please contact us - our experienced team will be happy to support you.

sales@tempmate.com

+49 7131 6354 0

tempmate GmbH
Edisonstr. 25
74076 Heilbronn, Germany

Tel. +49-7131-6354-0
sales@tempmate.com
www.tempmate.com