

tempmate.<sup>®</sup>

Discover the new

# tempmate.<sup>®</sup>-S1 PRO



# tempmate.®-S1 PRO Models



Single Use



Temperature



Rel. Humidity



Offline-Configurator



## Benefits



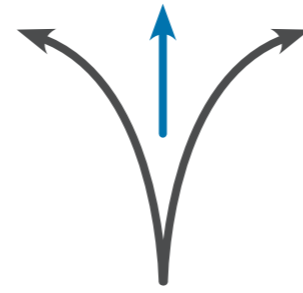
## SAFE

The tempmate.®-S1 PRO offers security for your goods and data not only through its **robust housing** made of food-safe material. We have **digitally stored** the **validation certificate** directly on the device, so that you will not lose this important proof.



## SIMPLE

Only **one button** is needed to operate tempmate.®-S1 PRO - monitoring your data will happen automatically. We want to **simplify your everyday life** by creating a **PDF & CSV** with your important data **automatically** after stopping the device. These can be easily evaluated and archived via the **built-in USB interface**. Additional **accessories** are **not needed** when using the tempmate.®-S1 PRO.



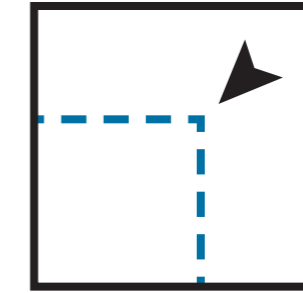
## FLEXIBLE

We want your tempmate.®-S1 PRO to always fit your needs exactly. For this reason, you can **configure alarm limit values** and **modes, measurement intervals** and much more according to your needs. You can do this quite **flexibly** and specifically for each transport by using the **integrated offline configurator**. **Without the internet** and further installations - you only need the logger and a PC with USB port.



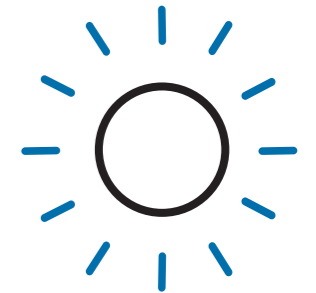
## EFFORTLESS

You will receive your tempmate.®-S1 PRO **pre-configured** and **ready for immediate use**. With our many years of experience, we have chosen a standard configuration that fits many types of transport and **saves** you **additional effort** for the use of the device. Also, a **marking for dangerous goods** is **not necessary** for our tempmate.®-S1 PRO. All that separates you from a reliably monitored transport is the push of a button.



## SMALL

Parcel, pallet or container - We designed the tempmate.®-S1 PRO **small and light** to give you the freedom to **mount it anywhere** monitoring is important and necessary for you. With the help of the **adhesive mounting already attached**, there is hardly an area where this device cannot be placed.



## CAREFREE

We want to offer you a reliable partner for your supply chain and for this reason we have chosen **high-quality sensors** with **high accuracy over the entire lifetime** of the device. All sensors of the tempmate.®-S1 PRO are installed in such a way that **other components cannot influence** your measured values. Do not worry about falsified measurement results - experience facts.

# Application



## NOTHING POSSIBLE WITHOUT ACCESSORIES?

Not with tempmate.®-S1 PRO. This device provides you with reliable measured values solely through the use of internal sensors. To remain flexible, you have the choice with this device between the pure temperature recording and the additional recording of relative humidity. A mounting is also not necessary due to the already attached adhesive point on the back of the device.



## LONG TRANSPORTS HARBOR MANY DANGER POINTS.

Detect the dangers and optimize your supply chain with the tempmate.®-S1 PRO. For up to 200 days at a time, this device records your important data showing you not only temperature and humidity values in retrospect, but also the date and time. This allows you to identify weak points in your supply process and tackle them where necessary.



## KEEP AN EYE ON ALL REGULATIONS.

We have already done that for you with the tempmate.®-S1 PRO. The housing itself is made of food-safe material. In addition, the device is CE, EN12830, RoHS, RTC DO-160 and FCC certified and therefore suitable for many different applications. Even air transports are no hurdle, because tempmate.®-S1 PRO is not required to be labeled according to IATA dangerous goods regulations.



## Offline Configurator

The screenshot shows the 'tempmate.®' Offline Configurator interface. It features a form with the following fields:

- Device: S1 Pro T
- Log Interval (Minutes): 10
- Timezone: UTC+00:00
- Run Time (Days): 200
- Temperature Unit: Celcius
- Stop Mode: Stop By Button
- Start Delay: No Delay
- Delay Time (Minutes): 1
- Scheduled Start (Date): 06.06.2022
- Scheduled Start (Time): 13:41:11
- Device Name: (empty text box)

Below the form is a table for configuring alarms:

	Temperature Threshold/°C	Alarm Type	Alarm Delay (Minutes)
<input type="checkbox"/> High 3	0,0	Single	0
<input type="checkbox"/> High 2	0,0	Single	0
<input type="checkbox"/> High 1	0,0	Single	0
<input type="checkbox"/> Low 1	0,0	Single	0
<input type="checkbox"/> Low 2	0,0	Single	0
<input type="checkbox"/> Low 3	0,0	Single	0

At the bottom of the interface is a button labeled 'Generate Config File'.

In everyday life, things often have to happen quickly, but **quality** and **accuracy** must not suffer as a result. We have recognized the priority of **high safety** and short distances and have paved new ways for you with tempmate.®-S1 PRO.

The tempmate.®-S1 PRO is **ready for use** the moment you hold it in your hands. Due to its **pre-configuration**, you only need to press one button to start the device and thus the recording of your data.

But what can you do if the pre-set configuration does not fit your needs? We have decided to save you any additional effort with IT. On the memory of the tempmate.®-S1 PRO you will find the **offline configurator** tool. This allows you to configure all parameters of this device yourself - without installation, without Internet, completely free of charge.

- > No internet connection necessary
- > No installation necessary
- > Individual configuration
- > Up to 6 alarm limits
- > No accessories necessary
- > No impairment of the
- > IP protection



## Main Technical Specifications tempmate.®-S1 PRO T

Recording Options	Single-Use
Dimension [mm]	86 x 40 x 8.7mm
Weight [g]	15.2g
Casing	Hardcase with removable USB-cap
Battery	CR2450 lithium metal button cell battery
Connection Interface	USB 2.0, A-Type (integrated)
Protection Class	IP66
Shelf Life	24 months
Temperature Range	-30 °C to 70 °C
Temperature Accuracy	±0.3°C (-30 to 70°C)
Temperature Resolution	0.1 °C
Humidity Range	Available with the tempmate.®-S1 PRO TH
Humidity Accuracy	Available with the tempmate.®-S1 PRO TH
Humidity Resolution	Available with the tempmate.®-S1 PRO TH
Memory Capacity (measurements)	32,000 values (T)
Run Time (Logging Interval)	Up to 200 days (10 min.) = Standard Model, Other models only on request
Data Export	PDF & CSV
Alarm Configuration	Up to 6 points temperature, customizable
Startup Mode	Button (optional preprogrammed scheduled start)
Stop Mode	Button (optional preprogrammed scheduled stop)
Software	PDF or CSV reader
Reprogrammable	Inbuilt offline configurator tool
Validation Certificate	Available as PDF on memory of the device
Conformity	CE, EN12830, RoHS, FCC, RTC DO-160
Log Interval	User defined: 1 min. to 1440 min. (10 min. as standard setting preconfigured)
Mark Readings	Option to mark up to 10 readings
Connectivity	Through USB port
Alarm Type	Single / Cumulative



## Main Technical Specifications tempmate.®-S1 PRO TH

Recording Options	Single-Use
Dimension [mm]	86 x 40 x 8.7mm
Weight [g]	15.2g
Casing	Hardcase with removable USB-cap
Battery	CR2450 lithium metal button cell battery
Connection Interface	USB 2.0, A-Type (integrated)
Protection Class	IP64
Shelf Life	24 months
Temperature Range	-30 °C to 70 °C
Temperature Accuracy	±0.3°C (-30 to 70°C)
Temperature Resolution	0.1 °C
Humidity Range	0 - 100 %rH
Humidity Accuracy	±3%rH (0 to 100%rH)
Humidity Resolution	1 %rH
Memory Capacity (measurements)	32,000 values (each, T & TH)
Run Time (Logging Interval)	Up to 200 days (10 min.) = Standard Model, Other models only on request
Data Export	PDF & CSV
Alarm Configuration	Up to 6 points temperature and 6 points humidity, customizable
Startup Mode	Button (optional preprogrammed scheduled start)
Stop Mode	Button (optional preprogrammed scheduled stop)
Software	PDF or CSV reader
Reprogrammable	Inbuilt offline configurator tool
Validation Certificate	Available as PDF on memory of the device
Conformity	CE, EN12830, RoHS, FCC, RTC DO-160
Log Interval	User defined: 1 min. to 1440 min. (10 min. as standard setting preconfigured)
Mark Readings	Option to mark up to 10 readings
Connectivity	Through USB port
Alarm Type	Single / Cumulative



## 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

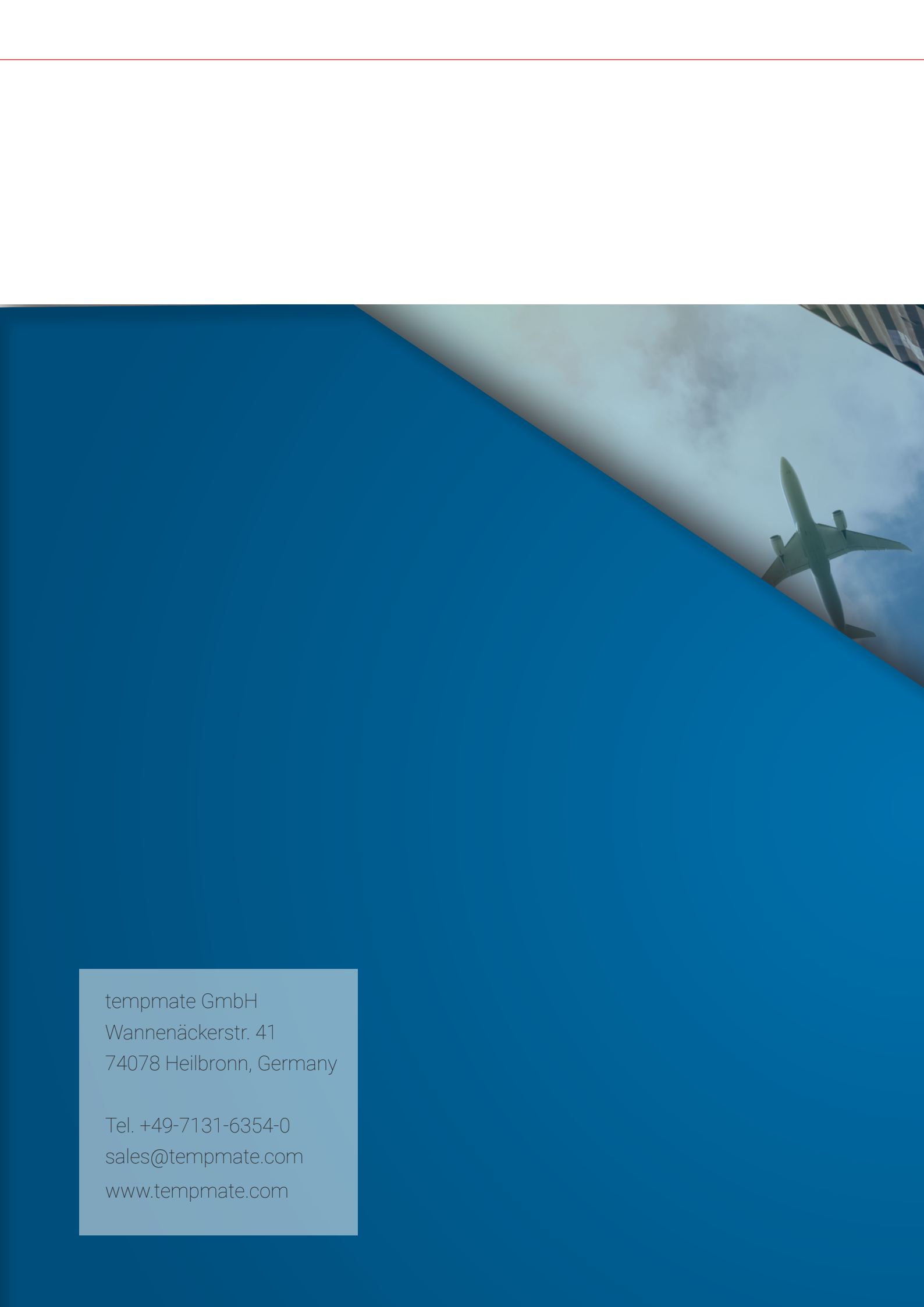


Do you have any questions? Please contact us - our experienced team will be happy to support you.

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