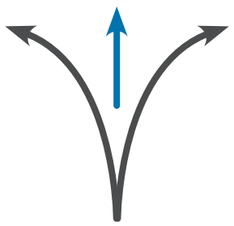
tempmate®

Take a first look at the new

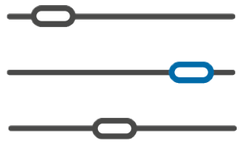
tempmate®-M2

BENEFITS



FLEXIBILITY

With the tempmate.®-M2, you have the choice between a high precision temperature sensor, or an additional sensor for relative humidity. In addition, in order to extend measuring range of tempmate.®-M2 up to -80°C and +200°C, you have the option of choosing between 3 different external sensors. Thanks to the special holder, this device can be used in both stationary and mobile applications, and therefore, you can reliably monitor your goods everywhere.



DAMAGE CONTROL

The tempmate.®-M2 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®.-M2 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.®-M2 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.®-M2 a robust companion for your goods and a protector of your data.

REUSABLE

The exchangeable battery makes the tempmate.®-M2 a permanent companion when it comes to monitoring your goods. By simply turning the cap on the back of the device, the standard CR2450 button cell battery of the tempmate.®-M2 can be easily replaced with a new one. This is not only good for the environment, it is also good for your finances, as frequent replacements are no longer a problem for you.

SIMPLE HANDLING

Only one button is needed to operate the tempmate.®-M2 - 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. Programming the tempmate.®-M2 could hardly be easier - Through the free tempbase 2 software or especially through the onborad HTML configurator*, the device can be adapted to your constantly changing requirements in no time at all.

*coming soon

Main Technical Specifications **temp**mate.®-M2 T

Temperature Sensor	HQ Digital Temperature sensor (internal and external optional)
Temperature Range	-30°C to +70°C (–40°C to +90°C with ext. T Sensor) (-80°C to +200°C with ext. PT100 Sensor)
Temperature Accuracy	±0.3°C (at –20°C to + 40°C, other 0.5°C)
Temperature Resolution	0.1°C
Humidity Sensor	n/a
Humidity Range	n/a
Humidity Accuracy	n/a
Humidity Resolution	n/a
Data Storage	60,000 values
Display	Big Multifunction LCD
Start Setting	Manually by pressing button, by software or timed
Recording Time	Up to 6 months
Interval	10sec. up to 11h 59min. (default 10 min.)
Alarm Settings	Up to 6 points customizable
Alarm Type	Single alarm or cumulative
Battery	CR2450 / replaceable by customer
Dimensions	100 x 53 x 12 mm
Weight	54g
Protection Class	IP65
Connection Interface	USB 2.0, A-Type
Conformity	EN 12830, CE, RoHS
Software	PDF or CSV reader or tempbase 2 software / free download
Interface to PC	Integrated USB port
Reprogrammable	Yes, with internal HTML tool* or optional tempbase 2 Software
Automatic Reporting	PDF & CSV

*coming soon

Main Technical Specifications **temp**mate.®-M2 TH

Temperature Sensor	HQ Digital Temperature sensor (internal and external optional)
Temperature Range	-30°C to +70°C (–40°C to +90°C with ext. T Sensor) (-80°C to +200°C with ext. PT100 Sensor)
Temperature Accuracy	±0.3°C (at –20°C to + 40°C, other 0.5°C)
Temperature Resolution	0.1°C
Humidity Sensor	HQ Digital Temperature/rel. Humidity sensor (internal and external optional)
Humidity Range	0%rH to 100%rH
Humidity Accuracy	±3%rH (20 to 80%rH), 5% others (at 25°C)
Humidity Resolution	0.1%rH
Data Storage	60,000 values
Display	Big Multifunction LCD
Start Setting	Manually by pressing button, by software or timed
Recording Time	Up to 6 months
Interval	10sec. up to 11h 59min. (default 10 min.)
Alarm Settings	up to 6 points temperature and 2 Points humidity customizable
Alarm Type	Single alarm or cumulative
Battery	CR2450 / replaceable by customer
Dimensions	100 x 53 x 12 mm
Weight	54g
Protection Class	IP65
Connection Interface	USB 2.0, A-Type
Conformity	EN 12830, CE, RoHS
Software	PDF or CSV reader or tempbase 2 software / free download
Interface to PC	integrated USB port
Reprogrammable	Yes, with internal HTML tool* or optional tempbase 2 Software
Automatic Reporting	PDF & CSV

*coming soon

Main Technical Specifications **temp**mate.®-M2 Accessory

tempmate.®-M2 External T-Sensor

Sensor	HQ Digital Temperature Sensor
Temperature Range	–40°C to +90°C
Temperature Accuracy	0.3°C (at –20 ° C to + 40 ° C, other 0.5°C)
Temperature Resolution	0.1°C
Sensor Tip	Stainless Steel (30 x 5 mm)
Sensor Connetion	M2-USB Connection
Cable length	1.2 m
Cable Diameter	3 mm
Cable Material	PVC

tempmate.®-M2 External T-Sensor

Temperature Sensor	PT100 Sensor
Temperature Range	-80°C to +200°C
Temperature Accuracy	±1°C
Temperature Resolution	0,1°C
Sensor Tip	Stainless Steel (30 x 5 mm)
Sensor Connetion	M2-USB Connection
Cable Diameter	3 mm
Cable length	1.2 m
Cable Material	PTFE

tempmate.®-M2 External T/rH-Sensor

Sensor	HQ Digital Temperature/rel. Humidity Sensor
Temperature Range	–40°C to +90°C
Temperature Accuracy	0.3°C (at –20 ° C to + 40 ° C, other 0.5°C)
Temperature Resolution	0,1°C
Humidity Range	0 - 100 %rH
Humidity Accuracy	±3%rH (10% to 70%), 5% others (at +25°C)
Humidity Resolution	0.1 %rH
Sensor Tip	Stainless Steel (30 x 5 mm)
Sensor Connetion	M2-USB Connection
Cable length	1.2 m
Cable Diameter	3 mm
Cable Material	PVC

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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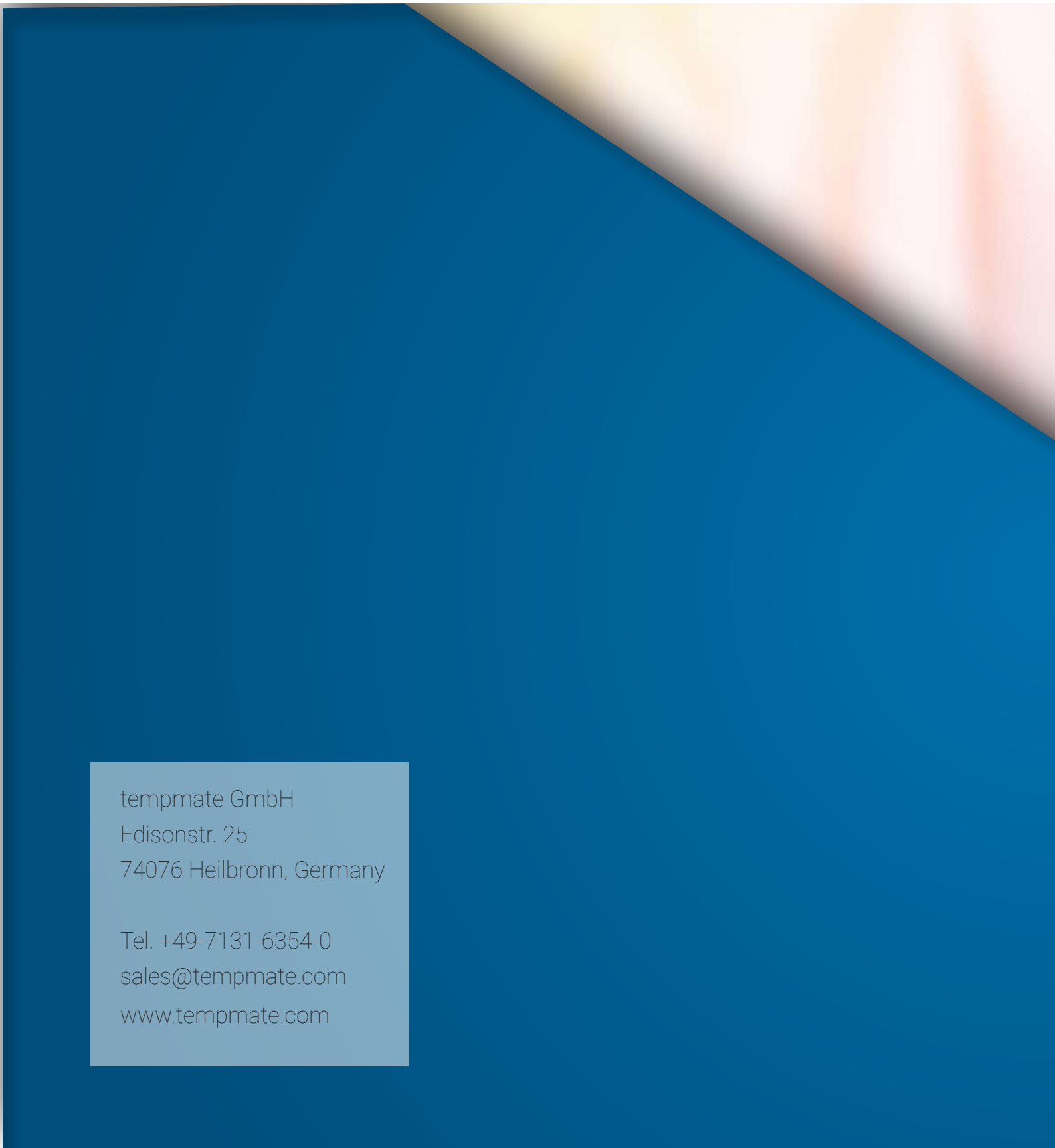

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