

tempmate.[®]

tempmate.[®]-GS2

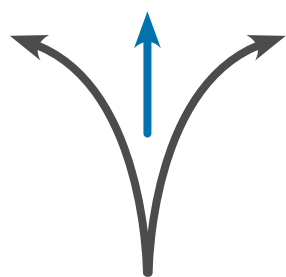


tempmate.[®]-GS2 models



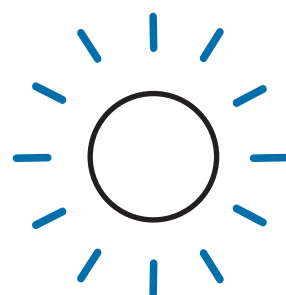
Single Use	●	●	●
Temperature	●	●	●
Rel. humidity		●	
Localisation	●	●	●
Light	●	●	
Extended measuring range			●
Automatic flight mode	●	●	●
Tilt	●	●	●
Shock	●	●	●

Benefits



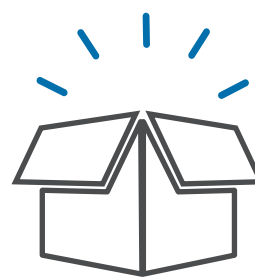
FLEXIBILITY

The tempmate.®-GS2 offers a wide range of configuration options to flexibly design each device according to your requirements. You have the choice between 3 different devices and can also decide whether the use of the device requires a lithium or non-lithium battery. In the tempmate.®-cloud, you can ultimately configure the parameters necessary for your monitoring, adapting the device to your needs from start to finish.



CAREFREE

You can rely on being alerted by an alarm in real-time and track your consignment very closely via the tempmate.®-cloud. In addition to temperature and relative humidity, the integrated light and shock sensor also provide information on the condition of your goods. Are you worried about your sensitive data? In the tempmate.®-cloud, only you decide who gets access to the evaluations by using the user administration.



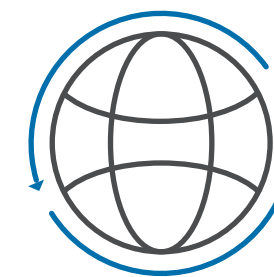
ALL-IN-ONE

When you buy a tempmate.®-GS2, you are not only holding a technically sophisticated piece of hardware in your hands. At the same time, you also get access to the tempmate.®-cloud, which you can use to parametrise your devices and monitor your consignments in detail. In addition, with the data package already set up, you achieve worldwide* connectivity without having to be annoyed by additional third-party contract costs or long contract terms.



PROTECTION

With your tempmate.®-GS2, you are safe in the knowledge that your goods are in safe hands round-the-clock. The tempmate.®-GS2 not only monitors the temperature of your goods, but is also your reliable partner in humidity, light incidence, localisation and extreme temperature ranges from -200°C to +100°C. And data loss is no longer a problem either thanks to the USB export feature. So you can hand over highly sensitive goods without any worries.



WORLDWIDE

There are many dangers involved in sending goods to the other side of the world. To make sure that these dangers do not become your worries, monitoring with the help of the tempmate.®-GS2 does not stop when the goods leave your warehouse. Thanks to state-of-the-art communication technology, this device offers you worldwide* LTE 4G connectivity with a 2G fallback to avoid network-related outages. The integrated automatic flight mode even makes air transport possible.



SIMPLE HANDLING

One touch of a button and your consignment is in good hands. After starting the tempmate.®-GS2, the device automatically starts sending regular updates about the condition of your goods to the free tempmate.®-cloud. Even registration and configuration of individual devices are done in a few simple steps and you can quickly concentrate your valuable time on your daily tasks again without security falling by the wayside.

*Contact us for information on exact national coverage.

Q&A



CONFUSED BY THE PRODUCT JUNGLE OF SUPPLY CHAIN MONITORING?

Now daily work will become easier. With the tempmate.®-GS2 you get an all-in-one solution for monitoring temperature, relative humidity, light incidence, shock and location. Why juggle different products when you can have it all in one?!



HIDDEN COSTS IN THE FINE PRINT AND LONG CONTRACT TERMS?

No reason to worry with the tempmate.®-GS2. The purchase price already includes hardware, cloud access, SIM card and a data flat-rate - as well as technical support from our friendly, trained team. Simply write an e-mail to support@tempmate.com.



DO YOU INVEST A LOT OF TIME, MONEY AND NERVES IN MONITORING YOUR CONSIGNMENTS?

Save the resources with the tempmate.®-GS2. Registration and configuration are done with just a few clicks and the bothersome read-out of devices is no longer necessary. You already know whether limit values have been exceeded - thanks to the integrated live alert.



ARE YOU SCARED OF THEFT AND PRODUCT PIRACY?

Experience round-the-clock security with the tempmate.®-GS2. Thanks to the integrated light sensor*, you are notified live if one of your parcels is opened unscheduled and can always track where your goods are in the tempmate.®-cloud.



ARE YOU HOPING THAT YOUR GOODS HAVE NOT SUFFERED ANY DAMAGE DURING TRANSPORT?

With the tempmate.®-GS2 you have certainty - anywhere and at any time. Even technical failures are no obstacle to your security, as you can even access your important data offline with the help of the integrated USB port. The shock sensor informs you about falls and shocks.



*Only in the T and TH variant



tempmate.[®]-Cloud

The tempmate.[®]-GS2 offers you the possibility to perform the worldwide* real-time monitoring of all relevant data. By setting individual alarm limits, you are alerted in real-time. Damage can therefore be clearly localised and identified. With continuous use, you can optimise your transport routes and internal processes.

Thanks to global* connectivity and cloud support, you have the ability to track the condition of your goods at any time. Alarm messages are immediately recognised thanks to the sensitive sensors and transmitted to the tempmate.[®]-cloud. An alarm will then be sent to you immediately.

Whether you want to monitor temperature, relative humidity or light incidence, our dream team of hardware and software keeps you up-to-date.

YOUR ADVANTAGES AT A GLANCE:

- > No hidden extra costs
- > No fixed term
- > Full control over the transport
- > User-friendly interface
- > Cost savings due to early alert
- > Individual configuration
- > Centralised device administration
- > Simple user management
- > Detailed transport overview

*Contact us for information on exact national coverage.



Main Technical Specifications tempmate.®-GS2 **T**

Monitored information*	Temperature, Light, Tilt, Shock, Location
Battery type	All the variation available in Lithium and Non-Lithium option
Temperature Range	-30°C to +70°C
Temperature Accuracy	±0.3°C (-10°C ~ 45°C) , ±0.5°C (Other)
Temperature Resolution	0.1°C
Humidity Range	Available with the TH Model
Humidity Accuracy	Available with the TH Model
Resolution Humidity	Available with the TH Model
Ambient Light	0 to 10000lx / Accuracy 0.01lx
Resolution Ambient Light*	1 lx
Shock Indicator*	Shock detection (8 levels of shocks)
Tilt Indicator*	Tip-over detection (change of tilt > 90°)
Local Data Storage Capacity	24,200 values for Temperature and Light
Shelf-Life*	Lithium Battery devices: 16 months shelf life Non-Lithium Battery devices: 15 months shelf life
Battery	Lithium Battery: Li-ion Polymer Battery 2400mAh Non-Lithium Battery: Ni-MH Battery 2000 mAh
External Sensor	Available with the TE Model
Log Interval	User defined: 1 min. to 60 min. (10 min. as standard setting preconfigured)
Transmission Interval	User defined: 10 min. to 1440 min. (240 min. as standard setting preconfigured)
Recording Duration*	<i>With standard log interval of 10 min. and transmission interval of 240 min:</i> Lithium Battery: 120 days Non Lithium Battery: 90 days
Startup Mode	By default start by button
Stop Mode	By default stop by button (optionally via the USB port or the cloud platform)
Start Delay	User defined: 0 min. to 1440 min. (No start delay as standard setting preconfigured)
Protection Class	IP65
Display	Multifunction Display
Dimensions	103 x 64 x 23 mm for Lithium and 103 x 64 x 30 mm for Non-Lithium
Weight	130 g for Lithium and 175 g for Non-Lithium
Certifications	CE, EN12830, EMC, RoHS, FCC
Validation Certificate	Available as PDF in the Cloud
Software	tempmate.®-Cloud
Report Generation	Readable in the Cloud and locally in the device through the USB 2.0 interface
Password Protection	Cloud Password Protection
Connectivity	LTE 4G cat 1 with 2G Fallback
Automatic Flight Mode*	Automatic offline mode during flight (no transmission)
Location	LBS - GSM Localization
Alarm Thresholds Configuration*	Up to 6 Thresholds for temperature + up to 3 for Light, 1 for Tilt, 1 for Shock, Alarm Delay Programmable
Programmable	Via Cloud
Alarm Type	Single / Cumulative
Recommended Storage Temperature	+15°C to + 25°C
Case Material	Polycarbonate



Main Technical Specifications tempmate.®-GS2 **TH**

Monitored information*	Temperature, rel. Humidity, Light, Tilt, Shock, Location
Battery type	All the variation available in Lithium and Non-Lithium option
Temperature Range	-30°C to +70°C
Temperature Accuracy	±0.3°C (-10°C ~ 45°C) , ±0.5°C (Other)
Temperature Resolution	0.1°C
Humidity Range	0% to 100%rH
Humidity Accuracy	±3% (20% ~ 80%) , ±5% (Other)
Resolution Humidity	1%
Ambient Light	0 to 10000lx / Accuracy 0.01lx
Resolution Ambient Light*	1 lx
Shock Indicator*	Shock detection (8 levels of shocks)
Tilt Indicator*	Tip-over detection (change of tilt > 90°)
Local Data Storage Capacity	24,200 values for Temperature, Humidity and Light
Shelf-Life*	Lithium Battery devices : 16 months shelf life Non-Lithium Battery devices: 15 months shelf life
Battery	Lithium Battery: Li-ion Polymer Battery 2400mAh Non-Lithium Battery: Ni-MH Battery 2000 mAh
External Sensor	Available with the TE Model
Log Interval	User defined: 1 min. to 60 min. (10 min. as standard setting preconfigured)
Transmission Interval	User defined: 10 min. to 1440 min. (240 min. as standard setting preconfigured)
Recording Duration*	<i>With standard log interval of 10 min. and transmission interval of 240 min:</i> Lithium Battery: 120 days Non Lithium Battery: 90 days
Startup Mode	By default start by button
Stop Mode	By default stop by button (optionally via the USB port or the cloud platform)
Start Delay	User defined: 0 min. to 1440 min. (No start delay as standard setting preconfigured)
Protection Class	IP65
Display	Multifunction Display
Dimensions	103 x 64 x 23 mm for Lithium and 103 x 64 x 30 mm for Non-Lithium
Weight	130 g for Lithium and 175 g for Non-Lithium
Certifications	CE, EN12830, EMC, RoHS, FCC
Validation Certificate	Available as PDF in the Cloud
Software	tempmate.®-Cloud
Report Generation	Readable in the Cloud and locally in the device through the USB 2.0 interface
Password Protection	Cloud Password Protection
Connectivity	LTE 4G cat 1 with 2G Fallback
Automatic Flight Mode*	Automatic offline mode during flight (no transmission)
Location	LBS - GSM Localization
Alarm Thresholds Configuration*	Up to 6 Thresholds for temperature + up to 6 for Humidity + up to 3 for Light, 1 for Tilt, 1 for Shock, Alarm Delay Programmable
Programmable	Via Cloud
Alarm Type	Single / Cumulative
Recommended Storage Temperature	+15°C to + 25°C
Case Material	Polycarbonate



Main Technical Specifications **tempmate.®-GS2** **TE**

Monitored information*	(Ultra Low) Temperature, Tilt, Shock, Location
Battery type	All the variation available in Lithium and Non-Lithium option
Temperature Range	-200°C to +100°C
Temperature Accuracy	±0.5°C (-10°C ~ 45°C) , ±1°C (Other)
Temperature Resolution	0.1°C
Humidity Range	Available with the TH Model
Humidity Accuracy	Available with the TH Model
Resolution Humidity	Available with the TH Model
Ambient Light	Available with the T and TH Model
Resolution Ambient Light	Available with the T and TH Model
Shock Indicator*	Shock detection (8 levels of shocks)
Tilt Indicator*	Tip-over detection (change of tilt > 90°)
Local Data Storage Capacity	24,200 values for Temperature
Shelf-Life*	Lithium Battery devices: 16 months shelf life Non-Lithium Battery devices: 15 months shelf life
Battery	Lithium Battery: Li-ion Polymer Battery 2400mAh Non-Lithium Battery: Ni-MH Battery 2000 mAh
External Sensor	PT100 (cable length: 1m, length of probe is 6 cm length, 4 mm in diameter, sensor tip: stainless steel)
Log Interval	User defined: 1 min. to 60 min. (10 min. as standard setting preconfigured)
Transmission Interval	User defined: 10 min. to 1440 min. (240 min. as standard setting preconfigured)
Recording Duration*	<i>With standard log interval of 10 min. and transmission interval of 240 min:</i> Lithium Battery: 120 days Non Lithium Battery: 90 days
Startup Mode	By default start by button
Stop Mode	By default stop by button (optionally via the USB port or the cloud platform)
Start Delay	User defined: 0 min. to 1440 min. (No start delay as standard setting preconfigured)
Protection Class	IP65
Display	Multifunction Display
Dimensions	103 x 64 x 23 mm for Lithium and 103 x 64 x 30 mm for Non-Lithium
Weight	130 g for Lithium and 175 g for Non-Lithium
Certifications	CE, EN12830, EMC, RoHS, FCC
Validation Certificate	Available as PDF in the Cloud
Software	tempmate.®-Cloud
Report Generation	Readable in the Cloud and locally in the device through the USB 2.0 interface
Password Protection	Cloud Password Protection
Connectivity	LTE 4G cat 1 with 2G Fallback
Automatic Flight Mode*	Automatic offline mode during flight (no transmission)
Location	LBS - GSM Localization
Alarm Thresholds Configuration*	Up to 6 Thresholds for temperature and 1 for Tilt, 1 for Shock, Alarm Delay Programmable
Programmable	Via Cloud
Alarm Type	Single / Cumulative
Recommended Storage Temperature	+15°C to + 25°C
Case Material	Polycarbonate



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



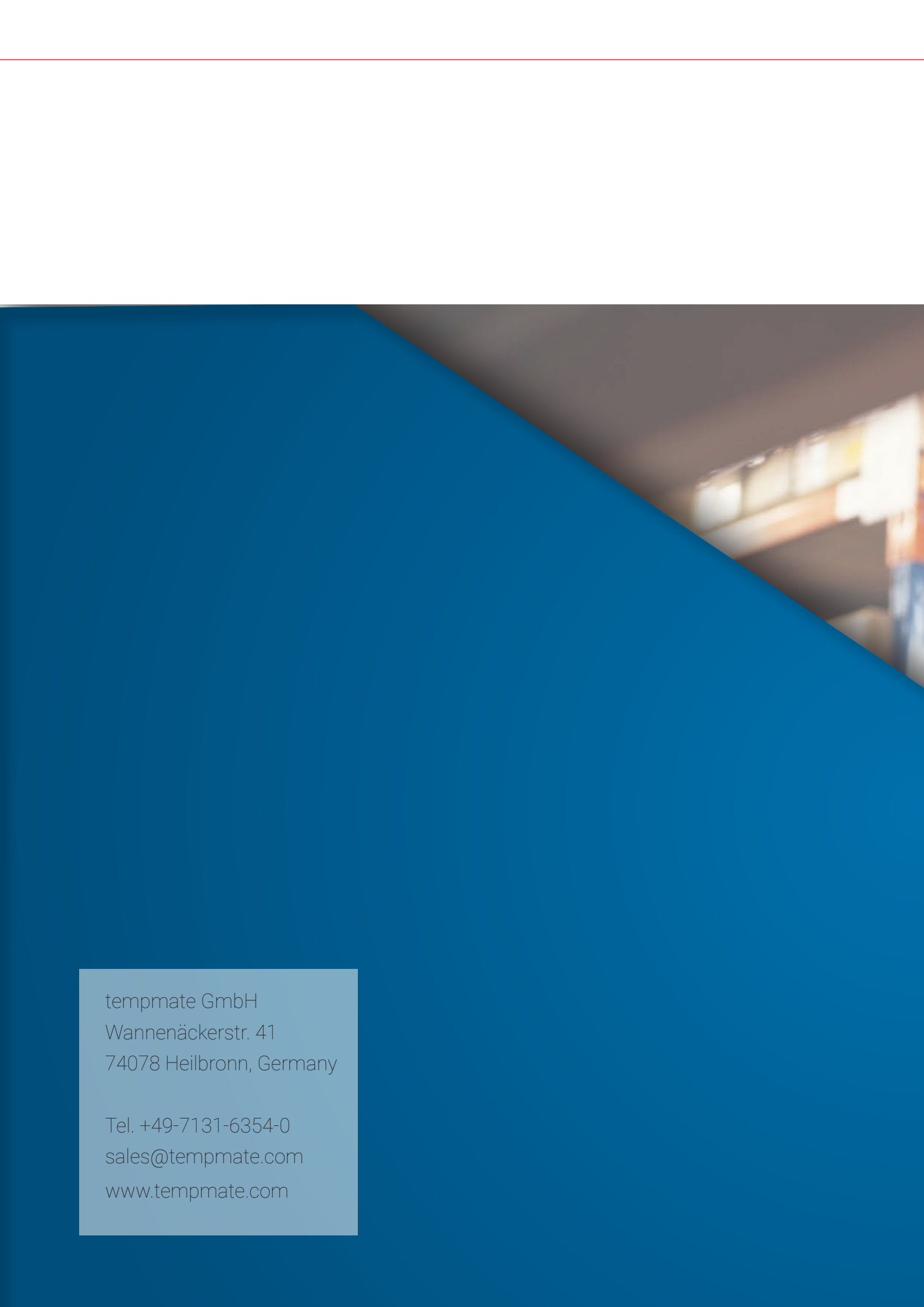
CONTACT INFORMATION



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

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