

tempmate.[®]

Take a first look at the new

tempmate.[®]-GS2



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

Battery type	All the variation available in Lithium and Non-Lithium option
Temperature Range	-30°C to +70°C
Temperature Accuracy	±0.2°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	0.01 lx
Local Data Storage Capacity	24,200 values for Temperature and Light
Shelf-Life	Lithium Battery devices : 12 months shelf life Non-Lithium Battery devices: 6 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. (60 min. as standard setting preconfigured)
Recording Duration	Lithium Battery: 60 days (with standard log interval of 10 min. and transmission interval of 60 min.) Non Lithium Battery: 40 days (with standard log interval of 10 min. and transmission interval of 60 min.)
Startup Mode	By default start by button
Stop Mode	By default stop by button (or optionally by Cloud platform- can be set by user)
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 (and optionally in the device)
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
Location	LBS - GSM Localization
Alarm Configuration	Up to 6 Alarm for temperature + up to 3 Alarm for light, Alarm Delay Programmable
Programmable	Via Cloud
Alarm Type	Single / Cumulative
Storage Temperature	0°C to + 30°C (Room Temperature Suggested)
Case Material	Polycarbonate

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

Battery type	All the variation available in Lithium and Non-Lithium option
Temperature Range	-30°C to +70°C
Temperature Accuracy	±0.2°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	0.01 lx
Local Data Storage Capacity	24,200 values for Temperature, Humidity and Light
Shelf-Life	Lithium Battery devices : 12 months shelf life Non-Lithium Battery devices: 6 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. (60 min. as standard setting preconfigured)
Recording Duration	Lithium Battery: 60 days (with standard log interval of 10 min. and transmission interval of 60 min.) Non Lithium Battery: 40 days (with standard log interval of 10 min. and transmission interval of 60 min.)
Startup Mode	By default start by button
Stop Mode	By default stop by button (or optionally by Cloud platform- can be set by user)
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 (and optionally in the device)
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
Location	LBS - GSM Localization
Alarm Configuration	Up to 6 Alarm for temperature + up to 6 Alarm for Humidity + up to 3 Alarm for light, Alarm Delay Programmable
Programmable	Via Cloud
Alarm Type	Single / Cumulative
Storage Temperature	0°C to + 30°C (Room Temperature Suggested)
Case Material	Polycarbonate



Main Technical Specifications tempmate.®-GS2 TE

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	0 to 10000lx / Accuracy 0.01lx
Resolution Ambient Light	0.01 lx
Local Data Storage Capacity	24,200 values for Temperature and Light
Shelf-Life	Lithium Battery devices : 12 months shelf life Non-Lithium Battery devices: 6 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 6cm 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. (60 min. as standard setting preconfigured)
Recording Duration	Lithium Battery: 60 days (with standard log interval of 10 min. and transmission interval of 60 min.) Non Lithium Battery: 40 days (with standard log interval of 10 min. and transmission interval of 60 min.)
Startup Mode	By default start by button
Stop Mode	By default stop by button (or optionally by Cloud platform- can be set by user)
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 (and optionally in the device)
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
Location	LBS - GSM Localization
Alarm Configuration	Up to 6 Alarm for temperature + up to 3 Alarm for light, Alarm Delay Programmable
Programmable	Via Cloud
Alarm Type	Single / Cumulative
Storage Temperature	0°C to + 30°C (Room Temperature Suggested)
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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