tempmate.®

Take a first look at the new

tempmate.®-M2

tempmate.®

Model: M2 T
Part No.: 200100-A3

S/N: EMV188100001

RECORD STATUS

✓

Rec. **25.0°C**

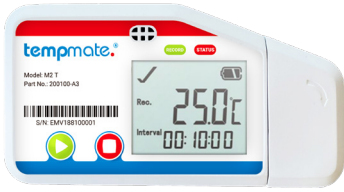Interval **00:10:00**
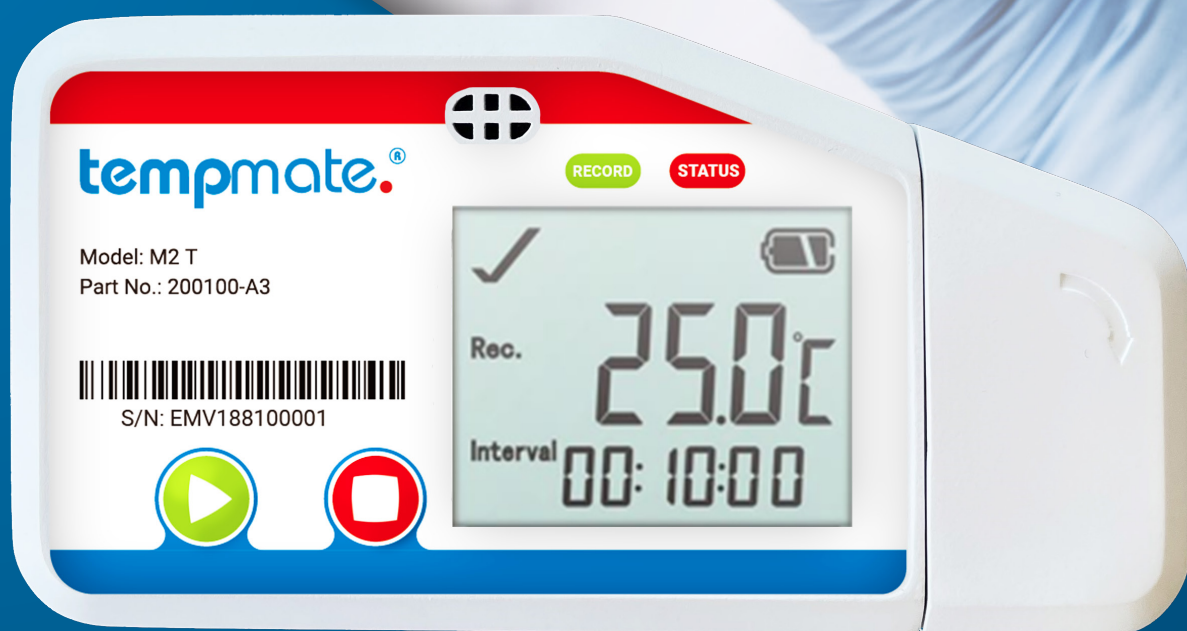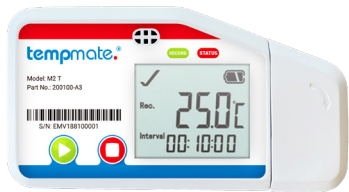
Main Technical Specifications **temp**mate.®-M2 [T]

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

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/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

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/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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