tempmate.®

tempmate.®-M1

➔ Multi-Use PDF USB Data Logger for Cold Chain Temperature Monitoring

M1

35.0°C

➕ **Auto generating PDF report**

➕ **Compact size and IP67 waterproof**

➕ **GDP and EN12830 compliant**

➕ **Secure and easy download of encrypted data files**

PHARMACEUTICAL PRODUCTS

FOOD & PRODUCE

TECHNICAL PRODUCTS

Intuitive Multi-Use Temperature Logger for reliable low-cost cold chain monitoring.

tempmate.®-M1 our best data loggers for temperature recording with internal or external temperature sensor, multifunction display and automatic PDF report generation.

⊘ tempmate.com

USB connection

IP 67 protected
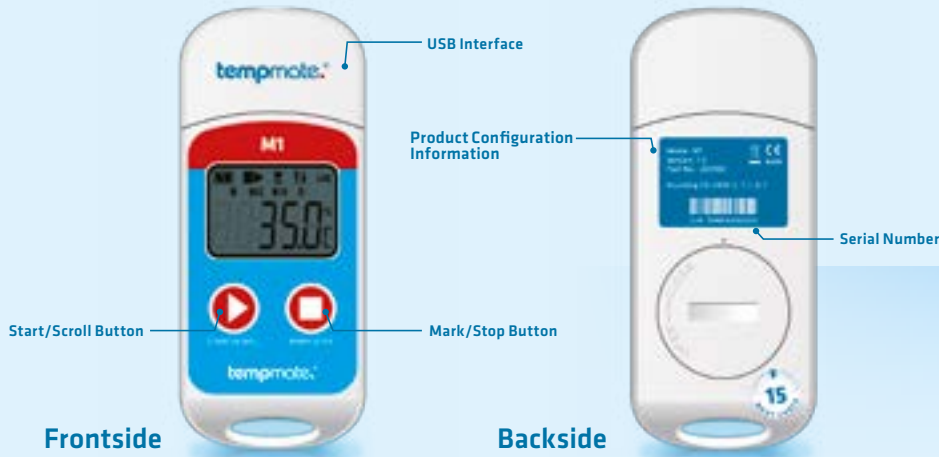
Temperature range – 30°C to +70°C

EN 12830 Compliant
• EN 12830 •
CERTIFIED

Automatic PDF report

GDP compliant
GDP
Good Distribution Practice

tempmate.®-M1
If temperature matters.

USB Interface

Product Configuration Information

Serial Number

Start/Scroll Button

Mark/Stop Button

Frontside

Backside

⊘ tempmate.®-M1 Accessories

ACB100
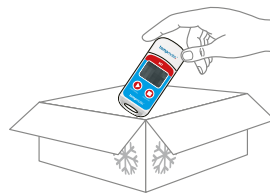Wall mount bracket for tempmate.®-M1

TSN100
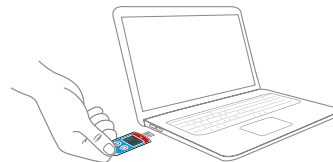External temperature sensor for tempmate.®-M1

⊘ Easy Handling

01 **Ready to use due to pre-configuration or after software setup**

02 **Attach started tempmate.® to your shipment**

03 **Connect stopped logger directly to USB port**

04 **Automated PDF report with all important details**

Curious about your cold chain?
tempmate.®-M1 continuously monitors all relevant data.

tempmate.®-M1 loggers are specially designed for temperature monitoring in pharmaceutical cold chain logistics. As pre-programmed device **temp**mate.®-M1 can be instantly used to control your temperature sensitive consignment. The PDF report created contains detailed information such as data curve, every single measurement as a table and statistical information. With the optional free available **temp**base.® software, you can ensure individual logger configuration and detailed data analysis or data management is also possible. Moreover, the device does not require labeling per IATA´s Dangerous Goods Regulations.

Your Benefits at a Glance

- ⊕ Product-related temperature monitoring along the entire cold chain, in warehouses or fridges
- ⊕ Cost-effective and reliable
- ⊕ Smart design, intuitive operation
- ⊕ Waterproof and food compatible
- ⊕ Free available software for individual logger configuration
- ⊕ Detailed PDF report including graph and table
- ⊕ Multifunction display with battery indicator

⊘ Technical Specifications

Temperature Sensor	NTC internal and external optional
Measuring Range	–30°C to +70°C (–40°C to +90°C with ext. Sensor)
Accuracy	±0.5°C (at –20 ° C to + 40 ° C)
T90	5min (internal sensor) / 30s (external sensor)
Resolution	0.1 °C
Data Storage	32,000 values
Display	Multifunction LCD
Start Setting	Manually by pressing button or automatically programmed start time
Recording Time	By customer programmable / up to 12 months

Interval	10sec. up to 11h 59min. (default 15 min.)
Alarm Settings	adjustable up to 5 alarm limits
Alarm Type	Single alarm or cumulative
Battery	CR2032 / replaceable by customer
Dimensions	80mm x 34mm x 14mm (L x W x D)
Protection Class	IP67
System Requirements	PDF Reader
Connection Interface	USB 2.0, A-Type
Certification	12830, validation certificate, CE, RoHS
Software	tempbase.® -D / free download
Interface to PC	integrated USB port
Automatic PDF Reporting	yes