

tempmate.®-M1

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



Auto generating PDF report

Compact size and IP67 waterproof

GDP and EN12830 compliant



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



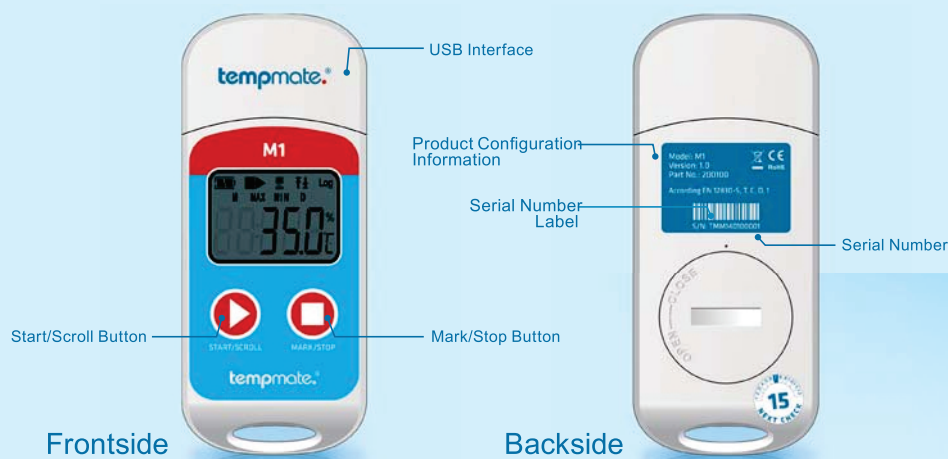
Automatic
PDF report



GDP
compliant

tempmate.®-M1

If temperature matters.



tempmate.®-M1 Accessories



ACB100

Wall mount bracket for tempmate.®-M1



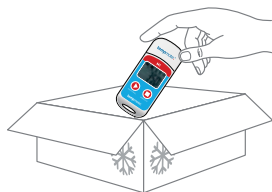
TSN100

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 **tempmate.®-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 **tempbase.®** software, you can ensure individual logger configuration and detailed data analysis or data management is also possible.



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)
Resolution	0.1 °C
Response Time T90	11 min. (30 sec. with ext. Sensor)
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	10 Sec. up to 24 hours (default 15 minutes)
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