

## 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, Multifunktionsdisplay 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

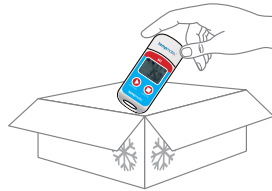
If temperature matters.



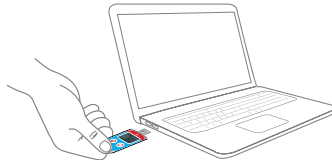
## Easy Handling



**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
- + LCD to display all relevant information on request

## Technical Specifications

Temperature Sensor	NTC internal and external optional
Measuring Range	-30°C to +70°C
Accuracy	±0.5°C (at -20 °C to +40 °C)
Resolution	0.1 °C
Response Time T90	11 min.
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
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, calibration certificate, CE, RoHS
Software	tempbase.® Lite 1.0 software / free download
Interface to PC	integrated USB port
Automatic PDF Reporting	yes

