

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



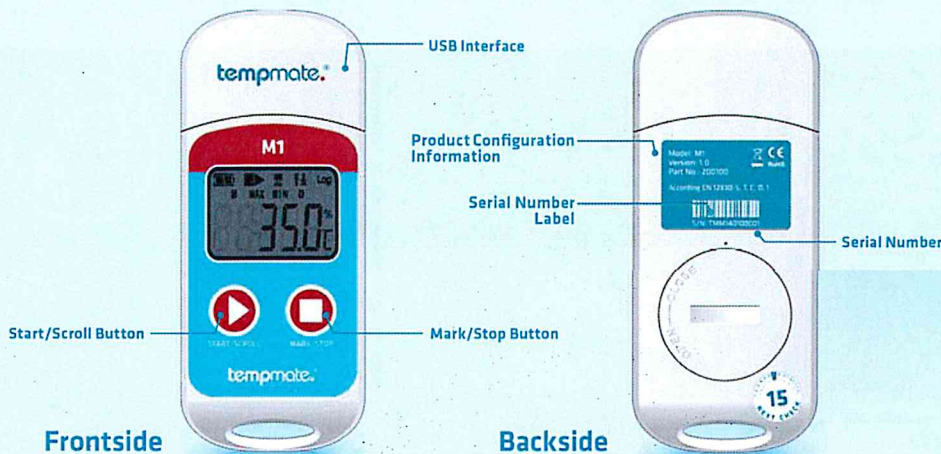
Automatic
PDF report



GDP
compliant

tempmate.®-M1

If temperature matters.



tempmate.®-M1 Accessories



ACB100
Wall mount bracket
for tempmate.®-M1

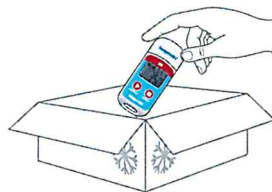


TSN100
External temperature
sensor for tempmate.®-M1

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	Interval	10 Sec. up to 24 hours
Measuring Range	-30°C to +70°C (-40°C to +90°C with ext. Sensor)	Alarm Settings	adjustable up to 5 alarm limits
Accuracy	±0.5°C (at -20 °C to +40 °C)	Alarm Type	Single alarm or cumulative
Resolution	0.1 °C	Battery	CR2032 / replaceable by customer
Response Time T90	11 min. (30 sec. with ext. Sensor)	Dimensions	80mm x 34mm x 14mm (L x W x D)
Data Storage	32,000 values	Protection Class	IP67
Display	Multifunction LCD	System Requirements	PDF Reader
Start Setting	Manually by pressing button or automatically programmed start time	Connection Interface	USB 2.0, A-Type
Recording Time	By customer programmable / up to 12 months	Certification	12830, calibration certificate, CE, RoHS
		Software	tempbase.® Lite 1.0 software / free download
		Interface to PC	integrated USB port
		Automatic PDF Reporting	yes

