tempmate.

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.

USB connection

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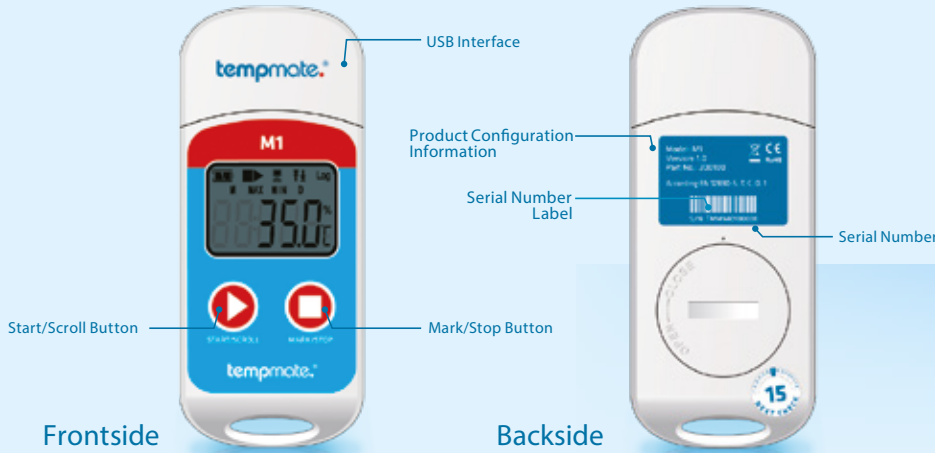
Temperature range −30°C to +70°C

EN 12830 Compliant

Automatic PDF report

GDP compliant

tempmate.®-M1
If temperature matters.

USB Interface

Product Configuration Information

Serial Number Label

Start/Scroll Button

Mark/Stop Button

Serial Number

Frontside

Backside

🔵 tempmate.®-M1 Accessories

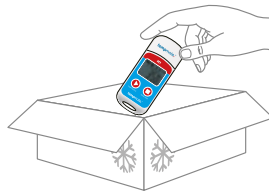**PFPN-TEMSU-001**
Wall mount bracket for tempmate.®-M1

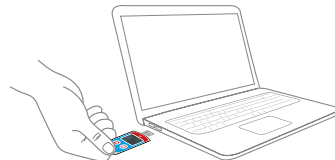**PFPN-TEMSO-001**
External temperature sensor for tempmate.®-M1

🔵 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℃ to +70℃ (–40℃ to +90℃ with ext. Sensor)
Accuracy	±0.5℃ (at –20 ° C to + 40 ° C)
Resolution	0.1 ℃
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
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.® Lite 1.0 software / free download
Interface to PC	integrated USB port
Automatic PDF Reporting	yes