

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



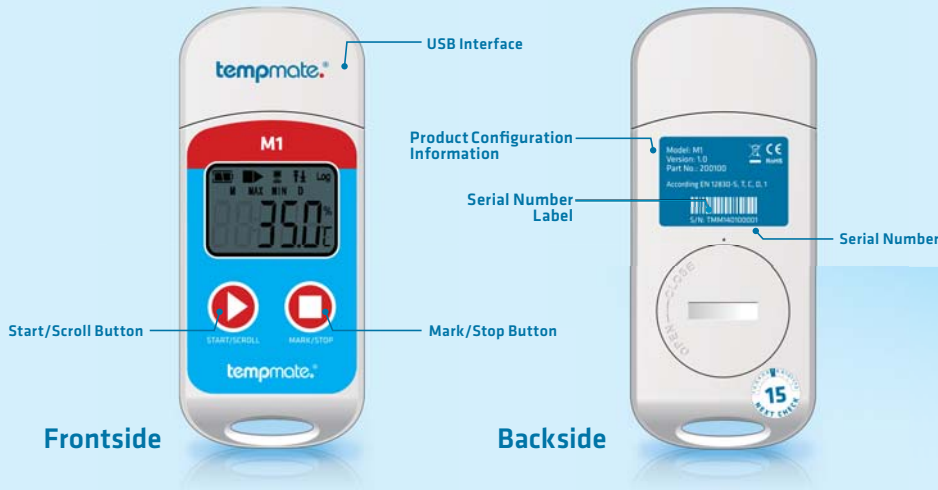
Automatic
PDF report



GDP
compliant

tempmate.[®]-M1

If temperature matters.



tempmate.[®]-M1 Accessories



ACB100
Wall mount bracket for tempmate.[®]-M1

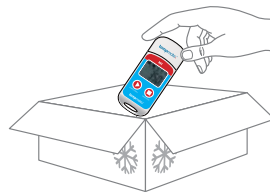


TSN100
External temperature sensor for tempmate.[®]-M1

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 |
| 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 |



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