

# 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.



Frontside

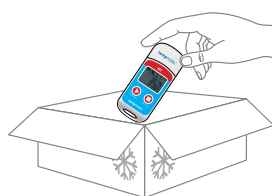


Backside

## 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  |



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