

signatrol



TEMPMATE-M1

MULTI-USE PDF USB DATA LOGGER FOR COLD CHAIN TEMPERATURE MONITORING

Intuitive multi-use temperature data logger for reliable low-cost cold chain monitoring. The tempmate-M1 is extensively used for temperature recording with an internal or external temperature sensor, has a multifunction display and generates PDF reports.

TEMPMATE-M1 - MULTI-USE PDF USB TEMPERATURE DATA LOGGER

▶ USB CONNECTION

Tempmate-M1 battery powered USB data loggers are specially designed, but not limited to, for temperature monitoring during cold chain logistics.

▶ IP 67 PROTECTED

The tempmate-M1 can be instantly used to measure and record your temperature sensitive consignments. The PDF report created contains detailed information in graphical and tabular formats.

▶ TEMPERATURE RANGE - 30°C TO +70°C

▶ EN 12830 COMPLIANT

With the optional free available tempbase software, you can ensure individual logger configuration and detailed data analysis or data management is also possible. In addition, the tempmate-M1 is exempt from IATAs Dangerous Goods Regulations and is therefore, a perfect solution for use in air freight logistics.

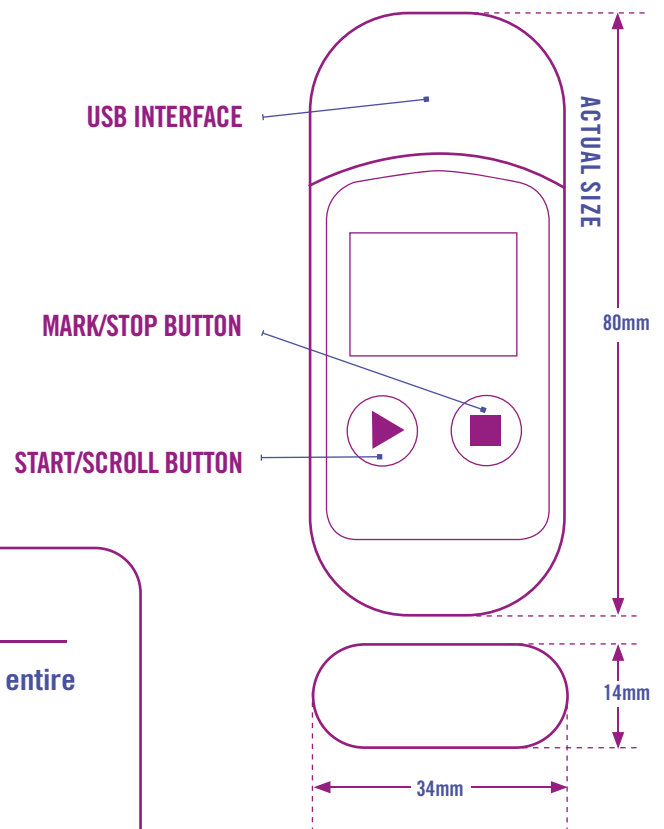
▶ GDP COMPLIANT

▶ AUTO GENERATING PDF REPORT

▶ COMPACT SIZE AND IP67 WATERPROOF

▶ SECURE AND EASY DOWNLOAD OF ENCRYPTED DATA FILES

▶ USER REPLACEABLE BATTERY



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 reports in graph and tabular formats
- Multifunction display with battery indicator

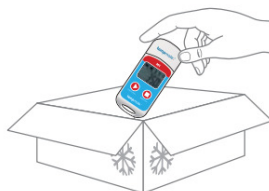
TECHNICAL SPECIFICATIONS

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)
T90	5min (internal sensor) / 30s (external sensor)
RESOLUTION	0.1 °C
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	10sec. up to 11h 59min. (default 15 min.)
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 Cloud/free download
INTERFACE TO PC	integrated USB port
AUTOMATIC PDF REPORTING	Yes

EASY HANDLING



1 Ready to use due to pre-configuration or after software setup



2 Include the started tempmate-M1 to your shipment



3 Connect stopped logger directly to USB port



4 Automated PDF report with all important details

ORDERING CODES

TEMPMATE-M1	Multi-use PDF data logger.
TEMPMATE-M1-A	Multi-use PDF data Logger with an individual UKAS traceable calibration certificate.
TEMPMATE-M1-EXT-SENSOR	External temperature sensor for the tempmate-M1 data logger. The lead is 1m long and the probe is 25mm long x 4mm diameter.
TEMPMATE-M1-WALL-BKT	Wall bracket for the tempmate-M1 data logger.



TEMPMATE-M1-EXT-SENSOR



TEMPMATE-M1-WALL-BKT

Every effort has been taken to ensure the accuracy of this specification, however we do not accept responsibility for damage, injury, loss or expense resulting from errors and omissions, and we reserve the right of amendment without notice.

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