tempmate®

DATASHEET

tempmate®-S1

The easy single-use temperature datalogger

Main Technical Specifications **temp**mate.®-S1

Usage Type	Single-Use
Monitored Information	Temperature
Dimension [mm]	83 mm × 47 mm × 7 mm (L × W × H)
Weight [g]	14.6 g
Casing	PE + PET
Battery	CR2450 / non replaceable
Temperature Range	–30 °C to +70 °C
Temperature Accuracy	±0.5 °C (–20 °C to +40 °C); ±1.0 °C (other range)
Temperature Resolution	0.1 °C
T90	5 min (internal sensor)
Indication / Display	LED indication
Protection Class	IP67
Shelf Life	Minimum 24 months*
Connection Interface	USB 2.0, A-Type
Memory Capacity (measurements)	16,000 readings
Run Time	Up to 110 days (depending on temperature range & log interval)
Logging Interval	Default: 10 min.; others on request
Startup Mode	Button, scheduled start, start through tempbase 2 Software
Stop Mode	Button or through tempbase 2 Software
Alarm Configuration	Up to 5 alarm limits customizable, single or cumulative via tempbase 2 Software

OTHER SPECIFICATIONS

Temporary PDF	The PDF Report is available at anytime without stopping the Logger
Conformity	EN 12830, CE, RoHS, RTC-DO-160, MSDS
Validation Certificate	6 points (hardcopy) & PDF in memory
Reprogrammable	Yes, via tempbase 2 Software
Report Generation	Automatic PDF & CSV report
Password Protection	Optional on request
Backup-Log-Feature	Yes
Accessories incl.	Shipping Documents, Validation Certificate, Reprogram Label and Seal-Bag

* Since environmental influences can affect the lifespan of batteries, we recommend that all our products be stored in the conditions that are optimal for them. In this way, the shelf life given at the time of purchase can be guaranteed.
Optimal storage conditions: +15°C to +23°C / 45% to 75% rH.

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PLEASE, contact us for further questions.