

signatrol



TEMPMATE-S1

USB TEMPERATURE DATA LOGGER WITH PDF & CSV

Using the very latest design in digital sensor technology, the new generation tempmate-S1 USB temperature data logger has an integrated USB port and PDF & CSV generating software on-board. No additional software or hardware is required to read or download the recorded temperature data. The tempmate-S1 data logger has an increased accuracy of $\pm 0.2^{\circ}\text{C}$ and comes with a 6-point calibration validation certificate.

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SINGLE USE TEMPERATURE DATA LOGGER

▶ NEW DIGITAL SENSOR DESIGN REPLACING PREVIOUS ANALOGUE TECHNOLOGY

▶ SIGNIFICANTLY IMPROVED ACCURACY OF $\pm 0.2^{\circ}\text{C}$

▶ COMPLIANT TO BS EN12830:2018

▶ SINGLE USE - LASTS FOR OVER 200 DAYS ONCE STARTED USING STANDARD 10 MIN LOG INTERVAL

▶ DOWNLOADABLE PDF 6 POINT CALIBRATION VALIDATION CERTIFICATE AVAILABLE ELECTRONICALLY ON EACH DEVICE

▶ SELECT FROM 6 ALARM (HIGH & LOW) CONFIGURATIONS

▶ PASSWORD PROTECTION OPTION AVAILABLE

▶ FAST DELIVERIES FOR CUSTOM CONFIGURATION

▶ UPLOAD YOUR DATA TO THE tempmate-cloud FOR REMOTE ACCESS TO YOUR DATA FROM ANYWHERE IN THE WORLD

▶ USB TEMPERATURE DATA LOGGER

▶ PDF/CSV OUTPUT
- NO SOFTWARE REQUIRED

▶ -30°C TO $+70^{\circ}\text{C}$
OPERATING RANGE

▶ MADE FROM RECYCLED PLASTICS

Tempmate-S1 loggers are specially designed for temperature monitoring in, but not limited to, cold chain logistic applications.

As a pre-programmed device, the tempmate-S1 temperature data logger can be instantly used to monitor your temperature sensitive consignments, simply press the start button for 5 seconds and you are recording temperature.

Users can specify their own custom settings;

- Select from 6 alarm HI and LOW configurations
- Logger can be started on alarm
- Programmable start delay
- Logging interval is fully programmable (up to 31,200 readings or 220 days whichever is the soonest)
- Pre-configured password protection is available

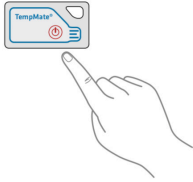
Hi or Low temperature alarms and current operational status of the data logger is confirmed by the use of red & green flashing LED indicators.

The automatically created PDF & CSV report, contains detailed temperature information and displays the data as both a graph and/or in tabular formats. The tempmate-S1 now also comes with the option of uploading the logged temperature data directly to your tempmate-cloud account. By doing so, anyone with access to your tempmate-cloud account can review the data remotely from anywhere in the world.

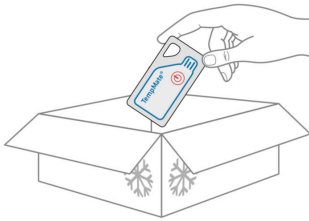
The tempmate-S1 is exempt from IATAs Dangerous Goods Regulations and is therefore, a perfect solution for use in any air freight logistics.

SINGLE USE TEMPERATURE DATA LOGGER

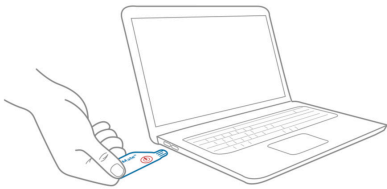
EASY HANDLING



1 Preconfigured and ready to use



2 Add started tempmate-S1 to your Shipment



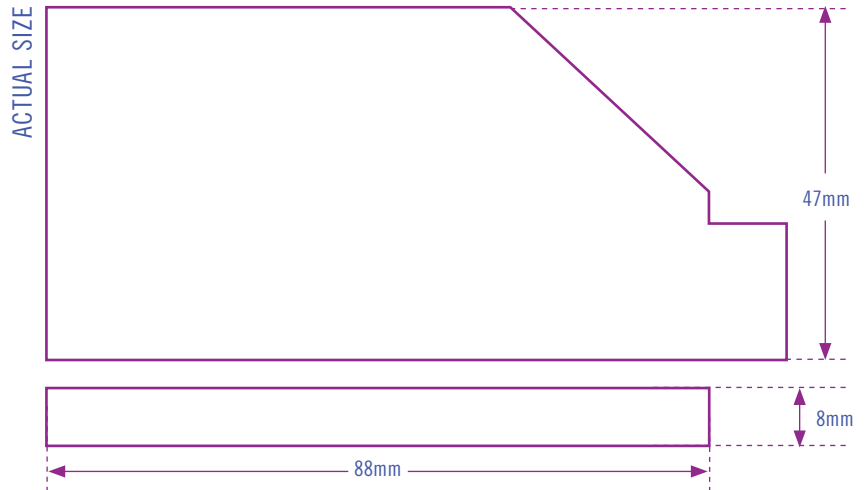
3 Connect stopped Logger directly to USB Port



4 Automated PDF & CSV Report with all Details

YOUR BENEFITS AT A GLANCE

- Cost-Effective and Reliable
- High Precision Digital Sensor
- Smart Design, Intuitive Operation
- Waterproof and Food Grade Packing
- No Additional Hardware or Software Required
- Detailed PDF and CSV Report Including Graph and Table
- Intelligent LEDs for Status Monitoring
- Extended Shelf-Life of 2 Years
- Reprogrammable (on request)

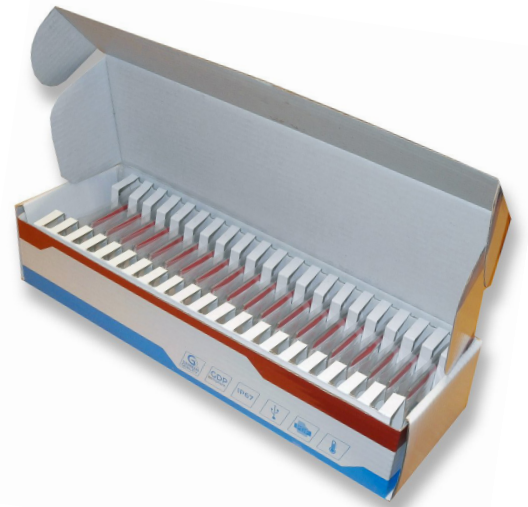


TECHNICAL SPECIFICATIONS

SPECIFICATIONS	tempmate-S1
TYPE	Single use with PDF & CSV output - No software required to view readings
SENSOR	Internal NTC Thermistor
TEMPERATURE RANGE	-30°C to +70°C (-22°F to 158°F)
TEMPERATURE ACCURACY	Accuracy $\pm 0.2^{\circ}\text{C}$ (0-60°C) ± 0.5 (others)
TEMPERATURE RESOLUTION	0.1°C / 0.1°F
MEMORY	31,200 Readings (Standard of 200 days @ 10 min logging intervals – Pre-configured user customisation options available)
BATTERY LIFE	2 Years. 3.0V Lithium
SAMPLE RATE	Standard 10 Minutes (Pre-configured user customisation options available)
ALARM MODES - OPTIONAL	Choose from 6 different Hi & Lo temperature limits
STARTUP MODE	Button press or pre-programmed scheduled start
IP RATING	IP67 - Submersible
DIMENSIONS	88mm (L) x 47mm (W) x 8mm (H)

ORDER CODES

TEMPMATE-S1 V3	Single use USB temperature data logger with internal sensor and PDF & CSV output.
TEMPMATE-3-PK5	Pack of 5pcs TEMPMATE-S1 data loggers
TEMPMATE-3-PK10	Pack of 10pcs TEMPMATE-S1 data loggers
TEMPMATE-3-PK20	Pack of 20pcs TEMPMATE-S1 data loggers
TEMPMATE-3-PK60	Pack of 60pcs TEMPMATE-S1 data loggers
TEMPMATE-3-PK100	Pack of 100pcs TEMPMATE-S1 data loggers



Tempmate Single Use Temperature Data Loggers

Small, light, waterproof and in a food safe wrapper, the tempmate single use data logger is ideal for monitoring the temperature of shipments in transit. Recordings are started by pressing the start button. The data logger is then placed inside the carton and despatched. At the receiving end, the data logger is taken from the package and removed from the protective wrapper. It is placed into the USB slot on a computer and the PDF file is available as if it was on a memory stick. No interface cables or software are required. Compatible with EN 12830:2018.

Tempmate single use temperature data loggers are available individually or in packs of 5, 10, 20, 60 and 100pcs.

Every effort has been taken to ensure the accuracy of this specification and we reserve the right of amendment without prior notice.

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