

# signatrol



## Tempmate-XS

ECONOMICAL USB TEMPERATURE DATA LOGGER WITH PDF REPORTING

Using the very latest design in digital sensor technology, the new generation tempmate-XS is our most economical USB temperature data logger. With an integrated USB port and PDF report generating software on-board. No additional software or hardware is required to read or download the recorded temperature data and can now be configured by the user using the tempbase software. The tempmate-XS temperature data logger has an increased accuracy of  $\pm 0.5^{\circ}\text{C}$  and comes with a 6-point calibration validation certificate.

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## ECONOMICAL SINGLE USE TEMPERATURE DATA LOGGER

NEW DIGITAL SENSOR DESIGN REPLACING PREVIOUS ANALOGUE TECHNOLOGY

SIGNIFICANTLY IMPROVED ACCURACY OF +/-0.5°C

COMPLIANT TO BS EN12830:2018

SINGLE USE - LASTS FOR 70 DAYS ONCE STARTED USING STANDARD 10 MIN LOG INTERVAL

6 POINT CALIBRATION VALIDATION CERTIFICATE AVAILABLE ELECTRONICALLY ON EACH DEVICE

OPTIONAL HIGH & LOW ALARM CONFIGURATIONS

PASSWORD PROTECTION OPTION AVAILABLE

FAST DELIVERIES FOR CUSTOM CONFIGURATION

USB TEMPERATURE DATA LOGGER

PDF REPORTING - NO SOFTWARE REQUIRED

-10°C TO +70°C OPERATING RANGE

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

As a pre-programmed device, the tempmate-XS 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;

- Optional HI and LOW alarm configurations
- Logger can be started by button press or schedule
- Programable start delay
- Logging interval is 10 minutes (up to 10,000 readings or 70 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 report, contains detailed temperature information and displays the data as both a graph and/or in tabular formats.

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

## ECONOMICAL SINGLE USE TEMPERATURE DATA LOGGER

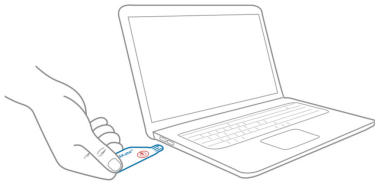
### EASY HANDLING



1 Preconfigured and ready to use



2 Add started tempmate-XS to your shipment



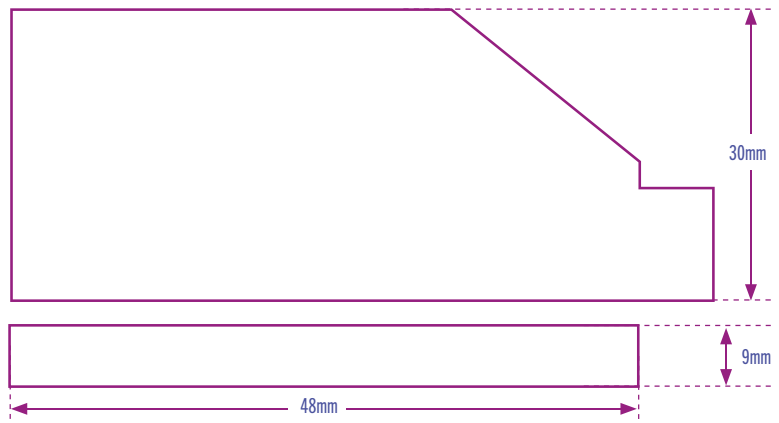
3 Connect stopped Logger directly to USB port



4 Automated PDF 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 Report Including Graph and Table
- Intelligent LEDs for Status Monitoring
- Shelf-Life of 1 Year
- Reprogrammable (on request)



## TECHNICAL SPECIFICATIONS: Tempmate-XS

SPECIFICATIONS	tempmate-XS
RECORDING OPTIONS	Single-Use
DIMENSION [MM]	48 x 30 x 9
WEIGHT [G]	8.6g
CASING	Sealed ZIP lock bag
BATTERY	CR2032 lithium metal button cell battery
CONNECTION INTERFACE	USB 2.0, A-Type (integrated)
PROTECTION CLASS	IP67
SHELF LIFE	12 months
TEMPERATURE RANGE	-10 °C to 70 °C
TEMPERATURE ACCURACY	±0.5°C from -30 to +40°C. ±1.0°C outside of this range
TEMPERATURE RESOLUTION	0.1 °C
MEMORY CAPACITY (MEASUREMENTS)	10,000 values (T)
RUN TIME (LOGGING INTERVAL)	Up to 70 days (10 min.) = Standard Model, Other models only on request
DATA EXPORT	PDF
ALARM CONFIGURATION	High & Low temperature, factory programmed
STARTUP MODE	Button (optional preprogrammed scheduled start)
STOP MODE	Button (optional preprogrammed scheduled stop)
SOFTWARE	PDF Reader. Free of charge Tempbase software for configuration
REPROGRAMMABLE	Yes, using the Tempbase software
VALIDATION CERTIFICATE	Available as PDF on memory of the device
CONFORMITY	CE, EN12830, RoHS, FCC, RTC DO-160
LOG INTERVAL	10 min. as standard other configurations available up on request
MARK READINGS	Option to mark up to 10 readings
CONNECTIVITY	Through USB port
ALARM TYPE	Single / Cumulative
STORAGE TEMPERATURE	Room Temperature Suggested
CASE MATERIAL	PE+PET

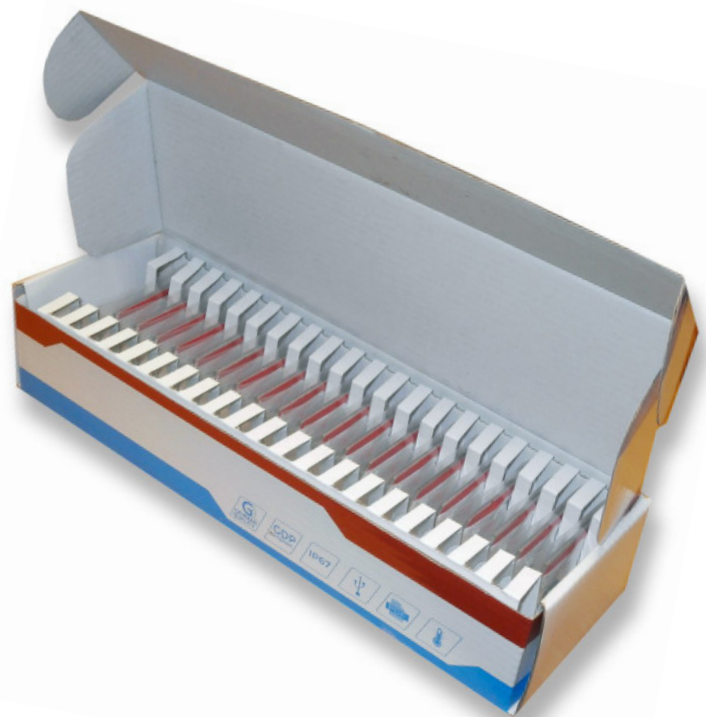
## ORDER CODES: Tempmate-XS

TEMPMATE-XS	Single use USB temperature data logger with internal sensor and PDF reporting.
TEMPMATE-XS-PK5	Pack of 5pcs Tempmate-XS temperature data loggers
TEMPMATE-XS-PK10	Pack of 10pcs Tempmate-XS temperature data loggers
TEMPMATE-XS-PK20	Pack of 20pcs Tempmate-XS temperature data loggers
TEMPMATE-XS-PK60	Pack of 60pcs Tempmate-XS temperature data loggers
TEMPMATE-XS-PK100	Pack of 100pcs Tempmate-XS temperature 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, 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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