

THE NEXT GENERATION

Comparison tempmate.-S1 V2 - tempmate.-S1 V3



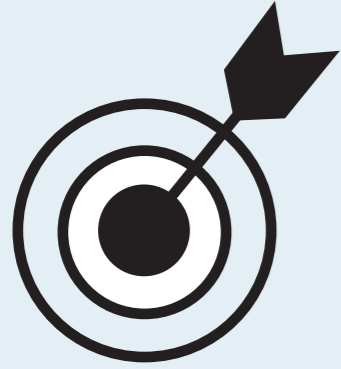
WE CONTINUE TO DEVELOP - FOR YOU

In line with the motto “Monitored by Intelligence“, we present the 3rd generation of the popular all-rounder, in the field of single-use temperature recording.

The known simplicity, together with maximum accuracy and new features, makes your everyday life easier and is cost effective.

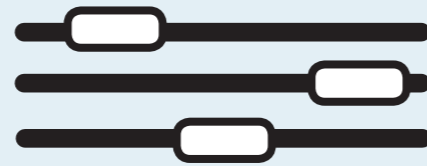
Further you will find an overview of advantages of the new **tempmate.®-S1**.

ACCURACY



- Change from analog to high-precision digital sensor
- No recalibration necessary
- Increased accuracy (average accuracy of $\pm 0.2^{\circ}\text{C}$)
- External sensor for improved response time (T90)

PARAMETERISATION



- Reduced delivery time (delivery is possible after 48 hours)
- More flexibility
- Enormous time saving
- Lower storage costs
- Improved storage time
- Lower shipping costs

SUSTAINABLE



- Made using recycled plastics
- Raw materials are preserved through digitalization (no hard copy of Shipping Documents and Validation Certificate anymore, the documents are available online on www.tempmate.com)
- No more zip bags required
- Environmentally friendly packaging

CUSTOM-MADE



- Extended runtime (up to 200 days)
- Increased memory (31,200 measuring points)
- More setting options
 - Up to 6 selectable temperature limits (high and low) for even more detailed analysis
 - Unique start-alarm-delay in order to avoid a premature alert
 - Time-scheduled start for easier internal handling

SIMPLE



- No IT expenses, since there is no software
- No employee software training needed
- Familiar simple handling remains unchanged
- Guided and secure USB
- Improved haptics of the button provides a simple operation

SECURITY



- Data security through 2 separate flash memories
- PDF and CSV file is inviolate
- Password protection possible
- Lower susceptibility to errors of the circuit board by changing from THT to SMD assembly
- Special lamination protects the circuit board against external influences
- Additional protection of the hardware through new and reinforced housing

V2
∨V3
∨

TECHNICAL COMPARISON



Recording options	Disposable	Disposable
Device number (standard model)	S1C10A01000	S1C10A01000T
Size [mm]	80 x 47 x 7 mm	88 x 47 x 8 mm
Weight [g]	14.6 g	15.2 g
Battery	CR2450 Button cell	CR2450 Button cell
Connection to PC	USB 2.0, A-Type (integrated)	USB 2.0, A-Type (integrated)
Protection class	IP67 / NEMA 6	IP67 / NEMA 6
Shelf life	24 months	min. 24 months
Temperature range	-30 °C to 70 °C	-30 °C to 70 °C
Temperature accuracy	±0.5°C (-20°C/+40°C); ±1.0°C (others)	typical accuracy ±0.2°C (0-60°C) ±0.5 (others)
Temperature resolution	0.1 °C	0.1 °C
Data memory	16,000 measurements	31,200 measurements
Recording duration	110 days (10 min.) = Standard Model Other models on request	200 days (10 min.) = Standard Model Other models on request
Data export	PDF & CSV	PDF & CSV
Alarm configuration	Up to 5 points individually adaptable	Up to 6 points individually adaptable
Start mode	At the push of a button or software	At the push of a button or preprogrammed scheduled start
Stop mode	At the push of a button or software	At the push of a button or preprogrammed scheduled start
PDF and CSV report	PDF and CSV report is available at any time available without stopping the logger	PDF and CSV report is available at any time without stopping the logger
Software	PDF or CSV program/tempbase.®-D optional	PDF or CSV program Optional: Cloud Ready with the tempmate.®-Cloud
Pressure Seal Bag and accessories	Included - for reconfigured loggers	No need
Validation certificate	Yes, 6 points on paper and saved as PDF	Yes, 6 points as PDF in memory for each appliance and online database
Certification	EN 12830, CE, RoHS	Compliant to EN 12830 & according to FCC, CE, RoHS
Serial number	Yes, for each device e.g. S116030000-01	Yes, for each device e.g. 041C6E7A545880 and for each packaging unit e.g. S119060001

(Changes marked in GREEN)

