

# THE NEXT GENERATION

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



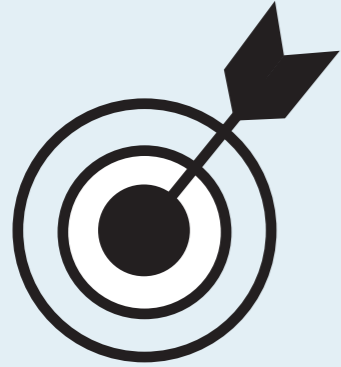
## WE CONTINUE TO DEVELOP - FOR YOU

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.

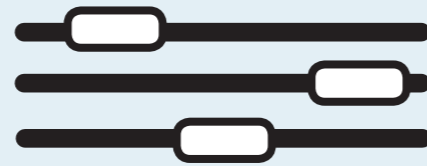
Further you will find an overview of advantages of the new **tempmate.®-S1**.

# 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](http://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



<b>Recording options</b>	Disposable	Disposable
<b>Device number (standard model)</b>	S1C10A01000	S1C10A01000T
<b>Size [mm]</b>	80 x 47 x 7 mm	88 x 47 x 8 mm
<b>Weight [g]</b>	14.6 g	15.2 g
<b>Battery</b>	CR2450 Button cell	CR2450 Button cell
<b>Connection to PC</b>	USB 2.0, A-Type (integrated)	USB 2.0, A-Type (integrated)
<b>Protection class</b>	IP67 / NEMA 6	IP67 / NEMA 6
<b>Shelf life</b>	24 months	min. 24 months
<b>Temperature range</b>	-30 °C to 70 °C	-30 °C to 70 °C
<b>Temperature accuracy</b>	±0.5°C (-20°C/+40°C); ±1.0°C (others)	typical accuracy ±0.2°C (0-60°C) ±0.5 (others)
<b>Temperature resolution</b>	0.1 °C	0.1 °C
<b>Data memory</b>	16,000 measurements	31,200 measurements
<b>Recording duration</b>	110 days (10 min.) = Standard Model Other models on request	200 days (10 min.) = Standard Model Other models on request
<b>Data export</b>	PDF & CSV	PDF & CSV
<b>Alarm configuration</b>	Up to 5 points individually adaptable	Up to 6 points individually adaptable
<b>Start mode</b>	At the push of a button or software	At the push of a button or preprogrammed scheduled start
<b>Stop mode</b>	At the push of a button or software	At the push of a button or preprogrammed scheduled start
<b>PDF and CSV report</b>	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
<b>Software</b>	PDF or CSV program/tempbase.®-D optional	PDF or CSV program Optional: Cloud Ready with the tempmate.®-Cloud
<b>Pressure Seal Bag and accessories</b>	Included - for reconfigured loggers	No need
<b>Validation certificate</b>	Yes, 6 points on paper and saved as PDF	Yes, 6 points as PDF in memory for each appliance and online database
<b>Certification</b>	EN 12830, CE, RoHS	Compliant to EN 12830 & according to FCC, CE, RoHS
<b>Serial number</b>	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)

