

# tempmate.®-i1

➔ Single-Use Temperature Indicator for Cold Chain Temperature Monitoring



+ Break-Off Tab to Start the device

+ Small, light and flat design

+ GDP and EN12830 compliant



PHARMACEUTICAL  
PRODUCTS



FOOD & PRODUCE



CHEMICAL  
PRODUCTS

## Single-Use Temperature Indicator for reliable low-cost cold chain monitoring.

tempmate.®-i1 indicators have 3 LED's onboard for indicating the alarm status easily, so no further software or hardware is required to check the condition of the goods.



tempmate.com



Easy  
handling



EN 12830  
compliant



GDP  
compliant



German  
Quality



IP 67  
protected



Temperature  
-20°C to +50°C



Frontside

## Curious about your cold chain?

**tempmate.®** continuously monitors all relevant data.

**tempmate.®-i1** indicators are specially designed for temperature monitoring in pharmaceutical cold chain logistics. As pre-programmed device **tempmate.®-i1** can be instantly used to control your temperature sensitive consignment. By comparison to chemical indicators, the 3 LED's at the frontside of the electronic indicator gives you a fast and clear feedback of your goods condition.



## Your Benefits at a Glance

- + Product-related temperature monitoring along the entire cold chain
- + Cost-effective and reliable
- + Smart design, intuitive operation
- + Waterproof and food compatible
- + No additional hardware or software required
- + Storage time 4 years
- + Intelligent LEDs for status monitoring

## Technical Specifications

Recording options	Single-Use
Temperature range	-20 °C to 50 °C (-4 °F to 122 °F)
Temperature accuracy	±0.5 °C / 0.9 °F
Temperature resolution	0.1 °C / °F
Alarm indicator	red, green and blue LED
Shelf life / battery	4 years / 3.0 v lithium battery
Recording interval	1 minute
Runtime	up to 180 days
Startup mode	Break-Off-Tab
Start Delay / Alarm Delay	Programmable
Alarm Event	Single / Cumulative (Programmable)
Dimensions	50 mm × 33 mm × 5 mm (L × W × H)
Weight	approx. 10 g
Certifications	EN 12830, CE, RoHS
Calibration	3 Point Calibration
Packaging	Foodgrade PA/PE packaging
Protection Class	IP67 / NEMA 6

## Part Number Selection

<b>i1</b>	Product
<b>C</b>	Temperature Unit Celsius or <b>F</b> = Fahrenheit
<b>S</b>	Alarm Type Single Event or <b>C</b> = Cumulative
<b>1</b>	Alarm Limits ( <b>1</b> = +2 to +8°C; <b>2</b> = +0 to +15°C; <b>3</b> = +15 to +25°C)
<b>0</b>	0 min Start Delay or <b>1</b> = 10 min
<b>0</b>	0 min Alarm Delay or <b>1</b> = 10 min

## Available Configurations

<b>i1CS100</b>	+2 to +8°C no start delay, no alarm delay
<b>i1CS110</b>	+2 to +8°C start delay 10 mins, no alarm delay
<b>i1CS200</b>	0°C to +15°C no start delay, no alarm delay
<b>i1CS300</b>	+15°C to +25°C no start delay, no alarm delay
<b>i1CS400</b>	+1 to +40°C no start delay, no alarm delay

\*Other configurations possible on request

