

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



**TECHNICAL
 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.



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**Easy
 handling**



**EN 12830
 compliant**



**GDP
 compliant**



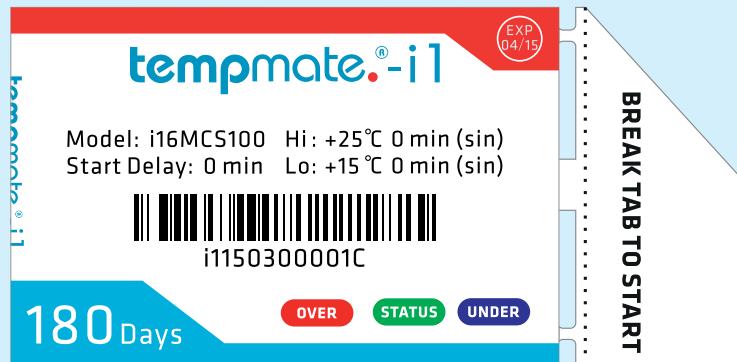
**German
 Quality**



**IP 67
 protected**



**Temperature
 -20°C to +50°C**



Frontside

Curious about your cold chain?

tempmate.[®]-i1 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 front side 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 / 3.0v 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	Food Grade PA/PE packaging
Protection Class	IP67 / NEMA 6

Part Number Selection

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

Available Configurations

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

*Other configurations possible on request

