tempmate.®

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 alarmstatus easily, so no further software or hardware is required to check the condition of the goods.

Easy handling

EN 12830 compliant

GDP compliant

German Quality

IP 67 protected

Temperature −20°C to +50°C

monitoring-shop.de

tempmate.®-i1
If temperature matters.

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 **temp**mate.®-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

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

monitoring-shop.de

Telefon: +49 40 6963874-10
E-Mail: info@monitoring-shop.de