tempmate.®

tempmate.®-i1

➔ Single-Use Temperature Indicator for Cold Chain Temperature Monitoring

tempmate.-i1

Model: i16MCS100   Hi : +25℃ 0 min (sin)
Start Delay: 0 min   Lo: +15 ℃ 0 min (sin)

i1150300001C

OVER   STATUS   UNDER

BREAK TAB TO START

⊕ **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.
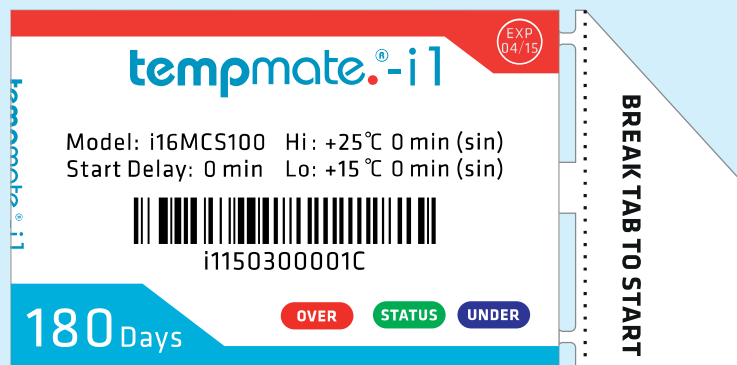
Easy handling

EN 12830 compliant · EN 12830 · CERTIFIED ·

GDP compliant · GDP Good Distribution Practice

German Quality · Germany ·

IP 67 protected

Temperature −20°C to +50°C

➲ tempmate.com

tempmate.®-i1
If temperature matters.

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 / 3.0 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	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

If temperature matters.

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