TIP TEMPerature Products
EVERY DEGREE MATTERS™

CustomSense™

Gain Value-added Insights into Your Supply Chain

Monitoring temperature sensitive products throughout the supply chain is imperative to identify exposure to conditions that could cause product quality issues, decreases in efficacy, or a health and safety concerns for consumers.

CustomSense™ electronic indicators provide an accurate and clearly visible indication when a shipment has experienced a temperature excursion outside of the product guidelines. A monitoring program using CustomSense will identify potential quality issues before they reach customers and provide traceability and accountability for issues across the supply chain.

CustomSense™ Product Features & Benefits

Easy to Use

- **Simple Activation** with the push of a button on the front of the indicator
- **Large Print** display of temperature ranges to avoid confusion of what is being monitored
- **Clear LED Indication of Pass/Fail** takes guesswork out of determining product status
- **Adhesive Backing** making it easy to affix indicator to package or product surface
- **Four Pre-programmed Temperature Ranges** that cover life sciences monitoring needs

CSTI	CRT	Freeze	Frozen
CustomSense™ Temperature Indicator Refrigerated Range (°C) 2 to 8 Low High Exceeded High limit Within Range Exceeded Low limit	CustomSense™ Temperature Indicator Controlled Room Temperature (°C) 15 to 25 Low High Exceeded High limit Within Range Exceeded Low limit	CustomSense™ Temperature Indicator Freeze Limit (°C) 0 Low FAIL PASS	CustomSense™ Temperature Indicator Frozen Range (°C) -25 to -15 Low High Exceeded High limit Within Range Exceeded Low limit
Certain vaccines, Injection medications, Compounded Medications, Test Samples	Creams, Test Kits, Test Samples	Certain vaccines, Chemicals, Paints	Certain vaccines, Tissue samples - human/animal, Frozen foods

Precision, Accuracy, & Quality

- **Monitors Temperature** at 5-minute intervals
- **Indicates** cumulative excursion of 30 minutes or more
- **Temperature Accuracy** of +/- 0.5C from 0°C - 80°C
- **Battery Life** of 3 years on the shelf and 90 days once activated
- **NIST® Traceable** by device

Tamper Avoidance

- **Activation** is irreversible so indicators cannot be stopped during a journey
- **Indicators are Serialized** with unique identifier and matching label to apply to shipping documents for verification

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Specifications	
Monitoring Options	Single-use: Refrigerated, Freeze, CRT, Frozen, Custom
Operating Temperature Range	-40°C to 80°C
Temperature Accuracy	±0.5°C from 0°C to 80°C ±1°C from -25°C to 0°C ±2°C from -40°C to -25°C
Data Storage Capacity	None
Battery Life	3 year shelf life (room temperature) 90 days once activated
Battery Type	Lithium Coin Cell
Device Enclosure	Stratatac All-Temperature Permanent Adhesive PETG IP67, NEMA 6 Rated
Dimensions	4.45” (113mm) x 2.80” (71mm) x .280” (7mm) Weight: .60 oz (17g)
Quality Certificates	NIST® traceable by device Intertek Certified CE
Indicator LEDs	The indicator LEDs will flash based on the status of the indicator: - Indicator ON, Acclimating: “Within Range” flashes twice every 4 seconds - Indicator ON, Within Range: “Within Range” flashes once every 4 seconds - Indicator ON, High Excursion: “Exceed High Limit” flashes once every 4 seconds - Indicator ON, Low Excursion: “Exceed Low Limit” flashes once every 4 seconds

Standard Products[1]	Refrigerated	Freeze Limit	Controlled Room	Frozen Goods
Temperature Excursion Settings	**High** 8°C **Low** 2°C	**High** N/A **Low** 0°C	**High** 25°C **Low** 15°C	**High** -15°C **Low** -25°C
Measurement Interval	5 minutes			
Start-up/Acclimation Delay Time	30 minutes			
Alarm Setting	30 minutes cumulative time over or under excursion points required to trigger excursion indication			

[1] *Products can be configured to specific requirements based on a minimum order quantity of 10,000 units. Contact us for more information.*