



ShockWatch® TempMark 8 is an innovative, cost-effective, disposable temperature-monitoring device for temperature-sensitive shipments. Field-activated and highly accurate, the device records temperature excursions beyond as many as eight thresholds simultaneously. The digital display shows the total number of excursions per threshold, the duration of the longest excursion, and the cumulative duration of all excursions — all the information you need for complete cold chain management.



Use TempMark 8 on:
Vaccines and pharmaceuticals
Blood /plasma products
Frozen, refrigerated, and fresh food
Photographic chemicals and supplies
Electronic components and products
Live plants and animals
Chemicals
Adhesives
...and much more

■ Benefits

- Increases understanding of a shipment's entire temperature profile
- Allows for extremely precise, targeted monitoring of temperatures and duration of excursions
- Helps monitor the shelf life of the shipped product
- Helps verify the adequacy of packaging
- Reduces product damage and loss incurred during transportation and storage
- Provides psychological reinforcement to ensure handlers adhere to optimal temperature conditions
- Alleviates safety concerns surrounding product efficiency, bacterial growth, and contamination while shipment is in transit
- Ensures compliance with health standards
- Identifies the potential for unacceptable product quality before delivery to end user
- Ensures chain of accountability in storage and transportation
- Provides information to protect against/reduce warranty claims
- Increases customer satisfaction and provides a visible marketing edge

■ Features

- Snap tab for field activation
- Eight temperature thresholds for precisely targeted temperature monitoring
- Counter that records number of excursions, maximum duration of each excursion, and cumulative duration over each temperature threshold
- Intuitive display and controls for ease of use
- Alarm symbol for quick identification of potential product spoilage due to unacceptable temperature exposure
- Checkmark symbol for quick verification that the device is running but no thresholds have been exceeded
- Tamper-proof design to ensure integrity of records

■ Specifications

Temperature Thresholds

Descending Alarm Conditions
-1°C, 0°C, 2°C

Ascending Alarm Conditions
8°C, 10°C, 15°C, 20°C, 25°C

Operating Range

-20°C to 70°C

Accuracy

±0.5°C

Quality

NIST traceable

Sampling Rate

1 per minute

Size

2"/50.8mm x 1.5"/38.1mm

Material

ABS

Packaging

Optional FDA-approved bag available

Maximum Recording Time

90 days from activation



Understand your shipment's key temperature profile with TempMark 8.

■ The ShockWatch Program

Maximize the effectiveness of your environmental indicators with a range of companion tools. The ShockWatch Program includes companion labels, inset cards, and caution tape, which inform carriers and recipients that your goods require specific thermal conditions.



For more information on ShockWatch's position on RoHS, EU Directive 2002/95/EC, Amendment Commission Decision 2005/618/EC, and our certificates of compliance, please visit www.shockwatch.com

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