The global cold chain presents a number of risks to your product. Every link in the supply chain is crucial to product quality. Monitoring your products provides information necessary to make critical decisions.

LOG•IC® Temperature Recorders

Refrigeration equipment is not always reliable. Multiple handlers may come in contact with the package during its journey. Unexpected delays and neglect at any stage of production or distribution can cause exposure to unacceptable temperatures. These types of risks may occur in storage before the product leaves a facility, in transit or after it arrives at its destination. How you can be sure that a cold chain breach has not compromised your product's quality?

LOG•IC is a cost-effective temperature recorder that indicates if your product has been exposed to temperatures that could negatively affect product quality or safety. While many other temperature recorders limit you to one download before stopping the recording process, LOG•IC allows you to scan and view tag data repeatedly, allowing you to take measurements at any point in the cold chain.

LOG•IC can be tailored for specific applications such as monitoring product core temperatures with a stainless steel probe, or inside validated packaging with a ribbon cable, or extreme cold with a dry ice solution.

Features

- Captures data every 60 seconds
- Up to eight temperature alarm thresholds
- Validated and FDA 21 CFR Part 11-compliant reports
- Up to 255 uses per device
- Available with Stainless and Ribbon Probes

**Dry Ice Single Use
w/ Ribbon Probe**
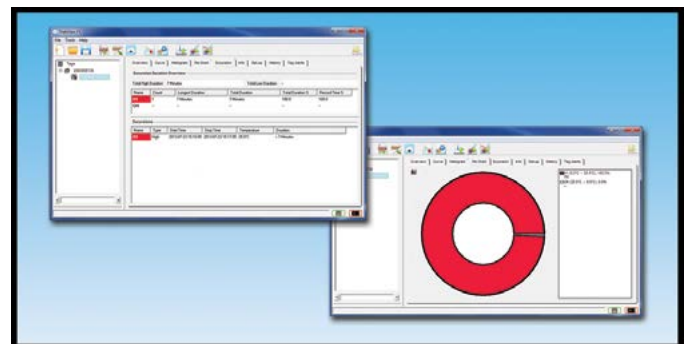
**LOG•IC
Single-Use**

**LOG•IC
Multi-Use**

**LOG•IC
255 Use**

Key Specifications

	Standard	with Probe	Dry Ice Probe
Temperature Measurement Range	-30°C to 75°C -22°F to 167°F		-80°C to 75°C -112°F to 167°F
Temperature Accuracy:			
-80°C to -30°C -30°C to 2°C 2°C to 8°C 8°C to 75°C	N/A ± 0.5°C ± 0.5°C ± 0.5°C	N/A ± 1°C ± 0.5°C ± 1°C	± 3°C ± 1°C ± 1°C ± 1°C
-112°F to -22°F 22°F to 36°F 36°F to 46°F 46°F to 167°F	N/A ± 1°F ± 1°F ± 1°F	N/A ± 2°F ± 1°F ± 2°F	± 6°F ± 2°F ± 2°F ± 2°F
Threshold Settings	8 configurable excursions thresholds		
Memory Capacity	4000 logged data points / 16 million histogram temperature readings		
Data Retrieval	USB plus RF		
Wireless Technology	Semi-passive RFID		
Packaging	NEMA 4 / IP 66		
Product Size	3.5in x 1.75in x 0.25in 9cm x 5cm x 0.82cm		2.28in x 2.28in x 0.07in 5.79cm x 5.79cm x 0.17cm
Cable Length	N/A	24in 60.96cm	24in 60.96cm
Battery Life	Up to 3 years		
Calibration	Factory-calibrated sensor, NIST-traceable (3-point)		
Weight	29g		19.50g

Product Description	Part Number
Single-Use Temperature Recorder	**L-3100**
Multi-Use Temperature Recorder (26 uses)	**L-3200**
Multi-Use Temperature Recorder / Stainless Steel Probe (26 uses)	**L-3210**
Multi-Use Temperature Recorder / Ribbon Probe (26 uses)	**L-3230**
Multi-Use Temperature Recorder (255 Uses)	**L-3300**

With desktop software it is possible to:

- Configure threshold levels, sampling rate and reporting options for individual recorders

- View the time-temperature data in a variety of tables and graphs.

- Add customized shipment information for future reference

- Create and save reports

Desktop Software runs on a local PC.