

Traceable® Excursion-Trac™ USB Refrigerator/ Freezer Thermometer

Datalogging thermometer with user-defined time intervals

- Meets current CDC requirements for vaccine storage and monitoring
- Rolling memory structure, maintains most recent 525,600 temperature observations
- Stores up to 10 unique alarm events
- Memory can be cleared on unit after downloading data to USB stick
- Hassle-free retrieval of data - unit can remain in use while downloading and analyzing data
- Status indicators - Low battery, memory full, USB data transfer and active alarm state
- Supplied: stand, Velcro®, magnetic strips, wall mount, Traceable® Certificate, batteries



Cat. No.	Range	Resolution	Accuracy	Probe
LABC3-6430	-50 to 70°C	0.01°	±0.25°C	Excursion-Trac™ USB Therm, 1 bottle
LABC3-6431	-50 to 70°C	0.01°	±0.25°C	Excursion-Trac™ USB Therm, 2 bottles

Specifications:

- Range: -58.00 to 158.00°F (-50.00 to 70.00°C)
- Resolution: 0.01°
- Accuracy: ±0.25°C
- Size: 2-3/4 x 4-1/4 x 3/4-inch
- Weight: 5 ounces

Hi/Lo Alarms and Time/Date Stamps

Alarm tracking feature stores in memory each alarm event detailing when the alarm state occurred, as well as when the unit returned back to within range. Alarm state indicators include visual LEDs, audio alerts, and flashing LCD segments. Data for up to 10 different alarm events can be retrieved with the most current event viewable on the display.

USB data transferring

New feature allows recorded data (CSV file) to be transferred from thermometer to PC or Mac using a USB flash drive (not included). No software is needed for computer interface. Each thermometer has a unique ID allowing multiple units to be used in the same location.

Data Logging Features

Monitor readings overnight, on weekends, or for any time period with rolling data log. User-defined datalogging interval of one observation/minute to one observation/24 hours. Memory capacity maintains a year of recorded data when using 1 minute intervals and longer when using larger intervals. Use supplied A/C adaptor for primary source of power. Batteries are intended as back-up power source.

Highly accurate and reliable

High-accuracy thermometer has a temperature range of -58 to 158°F (-50 to 70°C) and resolution of 0.01 and maintains an accuracy of ±0.25°C across the entire temperature range. Ideal for monitoring temperatures in refrigerators, freezers, water baths, heating blocks, and incubators.

Bottle probe features

Bottle probes are sealed in a miniature bottle filled with nontoxic glycol. Solution is GRAS (generally recognized as safe) by the FDA (Food and Drug Administration). Eliminates concerns about incidental contact with food or drinking water. Temperature-buffered bottle sensor eliminates rapid changes when refrigerator door is opened. Ideal for use in monitoring storage conditions for vaccines or other important samples.

Traceable to NIST for accuracy

An individually-numbered Traceable® Certificate is provided which assures accuracy from an ISO/IEC 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology). High-impact, chemical-resistant ABS plastic case is: 2-3/4 x 4-1/4 x 3/4 inches. Weight is 5 ounces. Probes: Bottle (1 x 2-1/2 inches); Plastic bullet (0.187-inch diameter x 3/4-inch); Stainless-steel (1/8-inch diameter x stem length 6-1/4 inches, overall length 9 inches). Supplied: A/C adaptor, stand, Velcro®, magnetic strips, wall mount, Traceable® Certificate, and back-up batteries. Replacement battery Cat. No. 1111.

Traceable® Excursion-Trac™ Datalogging Thermometers (patents pending)

Cat. No.:	Probe:
LABC3-6430	(2.5 x 1-inch) bottle, 1 each
LABC3-6431	(2.5 x 1-inch) bottle, 2 each

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