Traceable® Memory-Loc™ USB Refrigerator/Freezer Thermometers

Datalogging thermometer that can be used in 21 CFR 11 environments

- Meets current CDC requirements and additional recommendations for vaccine storage and monitoring
- Use in 21 CFR 11 environments, raw data is locked and may not be cleared/changed on base unit
- Data-logging thermometer with fixed one minute logging interval
- Stores up to 10 unique alarm events
- Capable of storing over 1 million temperature observations
- Hassle-free retrieval of data - unit can remain in use while downloading and analyzing data
- Status indicators - Low battery, low memory, USB data transfer and active alarm state
- Supplied: stand, Velcro®, magnetic strips, wall mount, Traceable® Certificate, batteries

NEW

Cat. No.	Range	Resolution	Accuracy	Probe
LABC3-6440	–50 to 70°C	0.01°	±0.25°C	Memory-Loc™ USB Therm, 1 bottle
LABC3-6441	–50 to 70°C	0.01°	±0.25°C	Memory-Loc™ 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
All 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. Raw data on unit cannot be overwritten or modified. Indicator light will appear when 95% of memory is full.

Data-Logging Features
Can be used in environments requiring 21 CFR 11 compliance. Thermometer logs 2 years of observations with a 1 minute logging interval. Device will stop recording when storage is full and will not overwrite recorded data. Data is unable to be deleted from memory once stored. 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 (1 x 2-1/2 inches) 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. Meets all current CDC requirements and recommendations for temperature monitoring of vaccine storage as part of the Vaccines for Children program.

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. Supplied: A/C adaptor, stand, Velcro®, magnetic strips, wall mount, Traceable® Certificate, and back-up batteries. Replacement battery Cat. No. 1111.

Traceable® Memory-Loc™ Datalogging Thermometers (patents pending)
Cat. No.:   Probe:
LABC3-6440   (2.5 x 1-inch) bottle, 1 each
LABC3-6441   (2.5 x 1-inch) bottle, 2 each