



## Traceable® Excursion-Trac™ Refrigerator/Freezer Datalogging Thermometer

### USB Datalogging Monitoring Thermometer -Trac, Download and Analyze Results

- Meets current CDC requirements for vaccine storage and monitoring
- Rolling memory structure, maintains most recent 525,600 temperature observations
- Smart-Alarm™ features a visual/audible alarm that continues to alarm even if the unit returns to non-alarm conditions
- 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

#### 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.

#### Smart-Alarm™ signals out-of-range conditions

When an out-of-range condition is sensed, the Smart-Alarm™ triggers. Smart-Alarm™ features visual and audible indicators which signal continuously until acknowledged, even if the parameter returns to the non-alarm range.

#### 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.



Cat. No. 6433



Cat. No. 6435



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### Datalogging 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.

### Highly accurate and reliable

High-accuracy thermometer has a temperature range of  $-58$  to  $158^{\circ}\text{F}$  ( $-50$  to  $70^{\circ}\text{C}$ ) and resolution of  $0.01$  and maintains an accuracy of  $\pm 0.25^{\circ}\text{C}$  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.

### Traceable® Certificate

Multi-point calibration on an individually-numbered Traceable® Certificate which assures accuracy from our ISO/IEC 17025:2005 (1750.01) calibration laboratory accredited by A2LA. It indicates traceability of measurements to the SI units through NIST or other recognized national measurement institutes (NMI) that are signatories to the CIPM Mutual Recognition Agreement. High-impact, chemical-resistant ABS plastic case is  $2\frac{3}{4} \times 4\frac{1}{4} \times \frac{3}{4}$  inches. Weight is 5 ounces. Supplied: stand, hook and loop tape, magnetic strips, wall mount, Traceable® Certificate, and batteries.

Temperature Range	Resolution	Accuracy	Probe	Cat. No.
$-50.00$ to $70.00^{\circ}\text{C}$ $(-58.00$ to $158.00^{\circ}\text{F})$	$0.01^{\circ}$	$\pm 0.25^{\circ}\text{C}$	1 bottle (patented)	<b>6430</b>
			2 bottles (patented)	<b>6431</b>
			1 Bullet™	<b>6432</b>
			2 Bullets™	<b>6433</b>
			1 bottle & 1 Bullet™	<b>6434</b>
			1 stainless-steel	<b>6435</b>
			2 stainless-steel	<b>6436</b>
			1 vaccine bottle (5ml)	<b>6437</b>
			2 vaccine bottles (5ml)	<b>6438</b>
			1 plastic bottle	<b>6450</b>
			2 plastic bottles	<b>6451</b>