HASSLE-FREE DATA RETRIEVAL

Traceable® Excursion-Trac™ Dataloggers
and
Traceable® Memory-Loc™ Dataloggers

Track
Temperature, Humidity
& Barometric Pressure

Download
Up to 1.1 million
Readings

Analyze
Data
Results

Download to USB Flash Drive—No Software to Install

TRACEABLE® PRODUCTS | **TraceableLIVE®**

Traceable® Datalogging Thermometers

Traceable® Excursion-Trac™ Dataloggers and Memory-Loc™ Dataloggers:

- Features: User-defined time intervals, MIN/MAX and current conditions displayed on LCD, and °F/°C switchable
- Stores up to 10 unique alarm events
- Excursion-Trac™ ONLY memory can be cleared after downloading data to USB stick
- Memory-Loc™ ONLY Use in 21 CFR 11 environments, raw data is locked and may not be cleared/changed on base unit
- Recorded data (CSV file) may be transferred from thermometer to PC or Mac using a USB flash drive—no additional software needed
- Smart-Alarm™ features a visual/audible alarm that continues to alarm even if unit returns to non-alarm conditions
- Hassle-free retrieval of data—unit can remain in use while downloading/analyzing data
- Status indicators—low battery, memory full, USB data transfer, active alarm state
- Supplied: probe(s), universal AC adaptor, stand, Velcro®, magnetic strips, wall mount, batteries, and Traceable® Certificate

Traceable® Refrigerator/Freezer Thermometer

- Meets current CDC requirements for vaccine storage and monitoring
- Temperature-buffered bottle sensor eliminates rapid changes when refrigerator door is opened

Cat. No.	Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe
Excursion-Trac™						
6430	–50.00 to 70.00°C (–58.00 to 158.00°F)	0.01°	±0.25°C	Yes	525,600 data points	1 bottle (patented)
6431						2 bottles (patented)
6434						1 bottle & 1 Bullet™
Memory-Loc™						
6440	–50.00 to 70.00°C (–58.00 to 158.00°F)	0.01°	±0.25°C	No	1,051,200 data points	1 bottle (patented)
6441						2 bottles (patented)
6444						1 bottle & 1 Bullet™

6430

Traceable® General Purpose Thermometer

- Ideal for general purpose temperature monitoring
- Rapid-response Bullet™ probe measures temperatures of air and liquid anywhere

Cat. No.	Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe
Excursion-Trac™						
6432	–50.00 to 70.00°C (–58.00 to 158.00°F)	0.01°	±0.25°C	Yes	525,600 data points	1 Bullet™
6433						2 Bullets™
Memory-Loc™						
6442	–50.00 to 70.00°C (–58.00 to 158.00°F)	0.01°	±0.25°C	No	1,051,200 data points	1 Bullet™
6443						2 Bullets™

6433

Traceable® Vaccine Thermometer

- Meets current CDC requirements for vaccine storage and monitoring
- Five milliliter bottle fits in vaccine tray

Cat. No.	Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe
Excursion-Trac™						
6437	–50.00 to 70.00°C (–58.00 to 158.00°F)	0.01°	±0.25°C	Yes	525,600 data points	1 vaccine bottle (5ml)
6438						2 vaccine bottles (5ml)
Memory-Loc™						
6447	–50.00 to 70.00°C (–58.00 to 158.00°F)	0.01°	±0.25°C	No	1,051,200 data points	1 vaccine bottle (5ml)
6448						2 vaccine bottles (5ml)

6437

Traceable® Plastic Bottle Probe Thermometer

- Ideal for tracking temperatures in food and beverage industries
- Plastic bottle probe—no glass

Cat. No.	Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe
Excursion-Trac™						
6450	−50.00 to 70.00°C	0.01°	±0.25°C	Yes	525,600 data points	1 plastic bottle
6451	(−58.00 to 158.00°F)					2 plastic bottles

6450

Traceable® Stainless-Steel Probe Thermometer

- Stainless-steel 316 probe is triple purpose for liquid, air/gas, and semisolids
- Handle probe diameter 0.13 inches, stem length 9 inches, overall length 12 inches

Cat. No.	Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe
Excursion-Trac™						
6435	−50.00 to 70.00°C	0.01°	±0.25°C	Yes	525,600 data points	1 stainless-steel
6436	(−58.00 to 158.00°F)					2 stainless-steel
Memory-Loc™						
6445	−50.00 to 70.00°C	0.01°	±0.25°C	No	1,051,200 data points	1 stainless-steel
6446	(−58.00 to 158.00°F)					2 stainless-steel

6435

Traceable® Ultra-Low Platinum Probe Thermometer

- Ideal for ultra-low temperature freezers—monitor temperatures below −80°C ensuring critical samples are not compromised
- Durable platinum RTD sensor, stainless-steel 316 with 10' cable
- Multiple calibration points (−80°C, −40°C, 0°C and 100°C)

Cat. No.	Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe
Excursion-Trac™						
6426	−90.00 to 105.00°C	0.01°	±0.2°C	Yes	525,600 data points	1 stainless-steel
6427	(−130.00 to 221.00°F)					2 stainless-steel
Memory-Loc™						
6428	−90.00 to 105.00°C	0.01°	±0.2°C	No	1,051,200 data points	1 stainless-steel
6429	(−130.00 to 221.00°F)					2 stainless-steel

6426

Traceable® Certificate

To assure accuracy 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.

Traceable® LN2 Thermometer

- Best for monitoring your cryo needs for sensitive biologicals
- Durable platinum RTD sensor, 316 stainless-steel 316 with 10' cable
- Multiple calibration points (–196°C, –80°C, 0°C and 100°C)

6456

Cat. No.	Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe
Excursion-Trac™						
6456	–200.00 to 105.00°C (–328.00 to 221.00°F)	0.01°	±0.25°C	Yes	525,600 data points	Platinum RTD sensor, 1 stainless-steel
6457						Platinum RTD sensors, 2 stainless-steel
Memory-Loc™						
6458	–200.00 to 105.00°C (–328.00 to 221.00°F)	0.01°	±0.25°C	No	1,051,200 data points	Platinum RTD sensor, 1 stainless-steel
6459						Platinum RTD sensors, 2 stainless-steel

Traceable® Datalogging Hygrometers

Perfect for hoods, storerooms, cleanrooms and other environments

- Unit has both ambient and external sensors that both measure humidity and temperature readings
- Stores up to 30 unique alarm events

6452

Cat. No.	Parameter	Range	Accuracy	Resolution	Data Overwrite	Memory
Excursion-Trac™						
6452	Ambient Humidity External Humidity Ambient Temperature External Temperature	0.0 to 95.0% RH (non-condensing) 32.0 to 145.0°F (0.0 to 65.0°C) –4.0 to 158.0°F (–20.0 to 70.0°C)	3% RH (5 to 75% RH), ±5% RH otherwise ±0.4°C	0.1% RH 0.1°	Yes	525,504 data points
Memory-Loc™						
6454	Ambient Humidity External Humidity Ambient Temperature External Temperature	0.0 to 95.0% RH (non-condensing) 32.0 to 145.0°F (0.0 to 65.0°C) –4.0 to 158.0°F (–20.0 to 70.0°C)	3% RH (5 to 75% RH), ±5% RH otherwise ±0.4°C	0.1% RH 0.1°	No	688,086 data points

Traceable® Datalogging Barometers

Perfect for warehouse, labs and other environments where ambient parameters need to be monitored

- Stores up to 30 unique alarm events
- Altitude Compensation from –100 to 2500 meters

6453

Cat. No.	Parameter	Range	Accuracy	Resolution	Data Overwrite	Memory
Excursion-Trac™						
6453	Barometric Pressure Relative Humidity Temperature	500 to 1030 mbar 0.0 to 95.0% RH (non-condensing) 32.0 to 158.0°F (0.0 to 55.0°C)	±4 mbar 3% RH (5 to 75% RH), ±5%RH otherwise ±0.4°C	1 mbar 0.1% RH 0.1°	Yes	525,600 data points
Memory-Loc™						
6455	Barometric Pressure Relative Humidity Temperature	500 to 1030 mbar 0.0 to 95.0% RH (non-condensing) 32.0 to 158.0°F (0.0 to 55.0°C)	±4 mbar 3% RH (5 to 75% RH), ±5%RH otherwise ±0.4°C	1 mbar 0.1% RH 0.1°	No	819,150 data points