

**VWR® TRACEABLE™
EXCURSION-TRAC™
& MEMORY-LOC™ DATALOGGERS**

Track Conditions

Download Readings

Analyze Data Results



**Hassle-Free
Data Retrieval**

**Download data to USB Flash Drive –
No Software to Install**

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

- User-defined time intervals, MIN/MAX and current conditions displayed on LCD, and °F/ °C switchable
- Stores up to ten unique alarm events
- Excursion-Trac™ ONLY memory can be cleared after downloading data to USB stick
- Memory-Loc™ ONLY raw data is locked and may not be cleared/changed on base unit, use in 21 CFR 11 environments
- 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

VWR® 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

Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe	Cat. No.
Excursion-Trac™						
-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)	10048-618
					2 bottles (patented)	10048-682
					1 bottle & 1 Bullet™	10048-688
Memory-Loc™						
-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)	10048-648
					2 bottles (patented)	10048-650
					1 bottle & 1 Bullet™	10048-656



VWR® Traceable™ General Purpose Thermometer

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

Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe	Cat. No.
Excursion-Trac™						
-50.00 to 70.00 °C (-58.00 to 158.00 °F)	0.01 °	±0.25 °C	Yes	525,600 data points	1 Bullet™	10048-686
					2 Bullets™	10048-688
Memory-Loc™						
-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™	75784-092
					2 Bullets™	75784-094



VWR® Traceable™ Vaccine Thermometer

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

Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe	Cat. No.
Excursion-Trac™						
-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)	10154-384
					2 vaccine bottles (5mL)	10154-386
Memory-Loc™						
-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)	75784-098
					2 vaccine bottles (5mL)	75784-100



VWR® Traceable™ Plastic Bottle Probe Thermometer

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

Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe	Cat. No.
Excursion-Trac™						
-50.00 to 70.00 °C (-58.00 to 158.00 °F)	0.01 °	±0.25 °C	Yes	525,600 data points	1 plastic bottle 2 plastic bottles	75784-024 75784-026



75784-024

VWR® 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

Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe	Cat. No.
Excursion-Trac™						
-50.00 to 70.00 °C (-58.00 to 158.00 °F)	0.01 °	±0.25 °C	Yes	525,600 data points	1 stainless-steel 2 stainless-steel	10048-686 10048-688
Memory-Loc™						
-50.00 to 70.00 °C (-58.00 to 158.00 °F)	0.01 °	±0.25 °C	No	1,051,200 data points	1 stainless-steel 2 stainless-steel	10048-658 10048-660



10048-644

VWR® 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)

Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe	Cat. No.
Excursion-Trac™						
-90.00 to 105.00 °C (-130.00 to 221.00 °F)	0.01 °	±0.2 °C	Yes	525,600 data points	1 stainless-steel 2 stainless-steel	75784-088 75784-090
Memory-Loc™						
-90.00 to 105.00 °C (-130.00 to 221.00 °F)	0.01 °	±0.2 °C	No	1,051,200 data points	1 stainless-steel 2 stainless-steel	75784-092 75784-094



75784-088

Traceable™ Certificate

To assure accuracy, an individually-numbered Traceable™ Certificate that confirms accuracy from an ISO/IEC 17025:2005 (1750.01) calibration laboratory accredited by A2LA is provided. 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 with 10' cable
- Multiple calibration points (–196 °C, –80 °C, 0 °C and 100 °C)

Temperature Range	Resolution	Accuracy	Data Overwrite	Memory	Probe	Cat. No.
Excursion-Trac™						
–200.00 to 105.00 °C (–328.00 to 221.00 °F)	0.01 °	±0.25 °C	Yes	525,600 data points	1 stainless-steel 2 stainless-steel	76047-578 76047-580
Memory-Loc™						
–200.00 to 105.00 °C (–328.00 to 221.00 °F)	0.01 °	±0.25 °C	No	1,051,200 data points	1 stainless-steel 2 stainless-steel	76047-588 76047-590



76047-578

VWR® 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

Parameter	Range	Accuracy	Resolution	Data Overwrite	Memory	Cat. No.
Excursion-Trac™						
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	76047-582
Memory-Loc™						
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	525,504 data points	76047-586



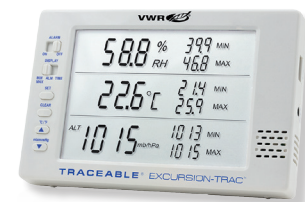
76047-582

VWR® 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

Parameter	Range	Accuracy	Resolution	Data Overwrite	Memory	Cat. No.
Excursion-Trac™						
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	76047-584
Memory-Loc™						
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	76047-576



76047-584



1.800.932.5000 | vwr.com

Prices and product details are current when published; subject to change without notice. Certain products may be limited by federal, state, provincial, or local regulations. VWR makes no claims or warranties concerning sustainable/green products. Any claims concerning sustainable/green products are the sole claims of the manufacturer and not those of VWR International, LLC. All prices are in US dollars unless otherwise noted. Offers valid in US and Canada, void where prohibited by law or company policy, while supplies last. VWR, the VWR logo and variations on the foregoing are registered (®) or unregistered trademarks and service marks, of VWR International, LLC and its related companies. All other marks referenced are registered by their respective owner(s). Visit vwr.com to view our privacy policy, trademark owners and additional disclaimers. ©2018 VWR International, LLC. All rights reserved.