

## VWR<sup>®</sup> TRACEABLE<sup>®</sup> DIGITAL THERMOMETERS

Traceable<sup>®</sup> to NIST  
for Accuracy

State-of-the-Art  
Continuous Temperature  
Monitoring

Calibrated Min/Max  
Thermometers and  
Dataloggers



# VWR® TRACEABLE® DIGITAL THERMOMETERS

## VWR® Traceable® Memory-Loc™ USB Datalogging Refrigerator/Freezer Thermometer

Datalogging thermometer that is ideal for monitoring clinical trials

- Temperature range: -50.00 to 70.00°C (-58.00 to 158°F); resolution: 0.01° and accuracy: ±0.25°C
- Triple display features: Min/Max and current temperatures, Smart-Alarm™, and is °F/°C switchable
- Datalogging thermometer with fixed one minute logging interval, capable of storing over 1 million temperature observations
- Calibrated at -40°C, 0°C and 50°C (-40°F, 32°F, and 122°F)
- Stores up to 10 unique alarm events
- Raw data on thermometer can never be overwritten and memory cannot be cleared
- Smart-Alarm™ features a visual/audible alarm that continues to alarm even if unit returns to non-alarm conditions
- Provided USB stick contains a label that provides clear instructions for how to download data
- Recorded data (CSV file) may be transferred from thermometer to PC or Mac using a USB flash drive — no additional software needed
- Hassle-free retrieval of data — unit can remain in use while downloading/analyzing data
- Status indicators — low battery, low memory, USB data transfer, active alarm state
- Unit supplied with a global AC power plug that is recommended for primary power; batteries are provided for back-up power
- Includes one bottle probe for monitoring refrigerator temperature and one Bullet™ probe to monitor ambient room temperature
- All Traceable® Thermometers are provided with a 2-year calibration certificate
- Supplied with four extra batteries, universal adapter, stand, strips, magnetic strips, wall mount, and Traceable® Certificate



Description	Range	Resolution	Accuracy	Probe	NA Cat. No.	EU Cat. No.
Memory-Loc™ USB Datalogging Refrigerator/Freezer Thermometer	-50.00 to 70.00°C (-58.00 to 158.00°F)	0.01°	±0.25°C	1 bottle & 1 Bullet™	10860-788	620-2426

## VWR® Traceable® Hi-Accuracy Refrigerator Thermometer

Min/Max temperature control for freezers, refrigerators, and ambient conditions

- Temperature range: -50.00 to 70.00°C (-58.00 to 158°F); resolution: 0.01° and accuracy: ±0.3°C
- Calibrated at -40°C, 0°C and 50°C (-40°F, 32°F, and 122°F)
- Reads to 0.01° while monitoring temperatures in refrigerator or freezer and ambient room conditions
- Triple display features Min/Max and current temperatures, Smart-Alarm™, and is °F/°C switchable
- Includes one bottle probe for monitoring refrigerator temperature and one Bullet™ probe to monitor ambient room temperature
- Two channel alarms provide unique visual (LED's) and audio alerts when temperature rises above or falls below user-defined high and low set points
- Monitors minimum and maximum readings and displays the exact time and date when minimum and maximum temperatures occurred for both probes; unit displays the exact time and date when dual thermometer alarms are triggered; alarms are programmable in 0.1° increments
- Smart-Alarm™ features a visual/audible alarm that continues to alarm even if unit returns to non-alarm conditions
- All Traceable® Thermometers are provided with a 2-year calibration certificate
- Supplied with stand, strips, magnetic strips, extra batteries, 3m probe cables and Traceable® Certificate



Description	Range	Resolution	Accuracy	Probe	NA Cat. No.	EU Cat. No.
Hi-Accuracy Refrigerator Thermometer	-50.00 to 70.00°C (-58.00 to 158.00°F)	0.01°	±0.30°C	1 bottle & 1 Bullet™	10860-786	620-2425

## VWR® Traceable® Platinum High-Accuracy Freezer Thermometer

Min/Max temperature control for ultra-low temperature freezers

- Temperature range: -100.00 to 70.00°C (-148 to 158°F); resolution: 0.01° and accuracy: ±0.1°C
- Triple display shows current temperature in °F or °C, as well as MIN/MAX temperatures
- Time/date stamp key shows exact time and date for all minimum and maximum readings
- Visual LED flashes and audible alarm sounds continuously even if temperature returns to non-alarm range
- Calibrated at -80°C, -40°C and 0°C (-112°F, -40°F, and 32°F)
- Battery life extended to ~6 months
- All Traceable® Thermometers are provided with a 2-year calibration certificate
- Supplied with platinum probe, stand, wall mount, strips, magnetic strips, extra batteries, 3m probe cable and Traceable® Certificate



Description	Range	Resolution	Accuracy	Probe	NA Cat. No.	EU Cat. No.
Platinum High-Accuracy Freezer Thermometer	-100.00°C to 70.00°C (-148.00 to 158.00°F)	0.01°	±0.1°C	1 Bullet™	10860-664	620-2424

### Traceable to NIST for accuracy:

Multi-point calibration on an individually-numbered Traceable® Certificate which assures accuracy from an 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.

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