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Find the *VWR 12777-838* at our website: ***Click HERE***

VWR® Traceable® Refrigerator/Freezer Plus™ Thermometer

NEW



Accurately monitor temperatures in freezers, water baths, heating blocks, incubators, and refrigerators with this enclosed temperature-buffered sensor. Bottle insulates sensor from rapid temperature changes when refrigerator door is opened. Thermometer fulfils all CDC thermometer and vaccine thermometer requirements.

Records high/low readings

Triple display simultaneously shows minimum/maximum, and current temperatures. MIN/MAX monitors high/low readings overnight, on weekends, or for any time period—a significant advantage over current reading-only glass thermometers. Range is –58 to 158°F and –50 to 70°C with a resolution of 0.1° and accuracy of ±0.5°C. Alarm feature provides alert when temperature rises above or falls below a set point. Alarm is programmable in 1° increments. Ten-foot micro-cable permits refrigerator doors to close on it.

Avoids contaminants

Solid-state probe eliminates mercury contamination in refrigerators. Probe is sealed in a miniature bottle (1 x 2½ 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. To assure accuracy an individually serial-numbered Traceable® Certificate is provided from an ISO 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 3¼ x 2½ x ⅝ inches. Weight is 4 ounces. Velcro® and magnetic strips are provided for mounting of both thermometer and bottle sensor. Supplied with a Traceable® Certificate and AAA battery for continuous, 1-year always-on monitoring.

Description	Cat. No.	Price
VWR® Traceable® Refrigerator/Freezer Plus™ Thermometer (patented)	12777-838	$61.33
VWR® Traceable® 5ml Vaccine Plus™ Thermometer	89094-780	$64.46
Same as Cat. No. 12777-838 with 5ml round bottle. Vaccine bottle mimics vaccine temperature and fits in vaccine tray.		
VWR® Traceable® Memory Monitoring Plus™ Thermometer	89094-782	$49.28
Features are the same as Cat. No. 12777-838 but without bottle probe. Supplied probe measures 7/16-inch in diameter and is ¾-inch long with 10-foot cable. (See smaller picture)		

VWR® Traceable® Sentry™ Thermometer



Simultaneously displays high/low and current temperature

A triple display constantly shows high, low, and current temperatures. Instantly view if freezer, water bath, or incubator is within temperature spec. Monitor temperature of any experiment—overnight, weekends, even during lunch. Range is –58 to 158°F or –50 to 70°C. Resolution is 1° and accuracy is ±1°C. Sensor and 10-foot cable may be placed under water, in refrigerator, or freezer. Small cable diameter (1/16-inch) allows refrigerator doors to close on it with no effect. Unplugging the cable activates a sensor inside the unit for monitoring ambient room temperature. Simple, one-key operation resets the high/low memories. Probe's wire-mounting bracket permits easy sensor placement. Low battery is signaled on the display. Thermometer fulfills all CDC thermometer and vaccine thermometer requirements.

Traceable to NIST for accuracy

To assure accuracy an individually serial-numbered Traceable® Certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology). Unit's high-impact ABS plastic case has a flip-open stand, wall hanging hook, magnet, and Velcro® mounting tape. Size is 2⅝ x 2½ x ¾ inches and weight is 1⅞ ounces. Unit runs continuously for 1 year on the supplied 1.5V silver-oxide battery.

Description	Cat. No.	Price
VWR® Traceable® Sentry™ Thermometer °F	61161-288	$43.17
VWR® Traceable® Sentry™ Thermometer °C	61161-289	$43.17
VWR® Traceable® Sentry™ Thermometer °F with Bottle	36934-138	$43.96
Same as Cat. No. 61161-288 but supplied with a special glycol-filled bottle probe designed specifically for refrigerator/freezer applications. (patented)		
VWR® Traceable® Sentry™ Thermometer °C with Bottle	15551-284	$46.80
Same as Cat. No. 61161-289 but supplied with a special glycol-filled bottle probe designed specifically for refrigerator/freezer applications. (See picture insert) (patented)		
VWR® Traceable® Sentry™ 5ml Vaccine Thermometer °F with Bottle	89094-788	$50.56
(Same as Cat. No. 36934-138 with 5ml bottle. Vaccine bottle mimics vaccine temperature, and fits in vaccine tray.)		
VWR® Traceable® Sentry™ 5ml Vaccine Thermometer °C with Bottle	89094-790	$50.56
(Same as Cat. No. 15551-284 with 5ml bottle. Vaccine bottle mimics vaccine temperature, and fits in vaccine tray.)		

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