

Traceable® Refrigerator/Freezer Plus™ Thermometer

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 fulfills all CDC thermometer and vaccine thermometer requirements.

Records high/low readings

Triple display simultaneously shows high, low, 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.

Signals out-of-range conditions

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 2 1/2 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 our 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 3 1/4 x 2 1/2 x 5/8 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. Replacement battery Cat. No. 1105.

Cat. No. 4227 Traceable® Refrigerator/Freezer Plus™ Thermometer (patented)

Cat. No. 4627 Traceable® 5ml Vaccine Plus™ Thermometer
(Same as Cat. No. 4227 with 5ml round bottle. Vaccine bottle mimics vaccine temperature and fits in vaccine tray.)

Cat. No. 4727 Traceable® Memory Monitoring Plus™ Thermometer
Features are the same as the 4227 but without bottle probe, that measures inch in diameter and is 3/4 inch long with 10 foot cable. (See smaller picture)



Refrigerator/Freezer Thermometer Specifications Chart												
Cat. No.	Page No	Traceable®Certificate NIST A2LA	Range	Resolution	Accuracy (°C)	Length (Inch)		Waterproof Total Unit cable probe	Vaccine Probe	Alarm	Display Min/Max	
						Probe	Cable					
4048	4	Yes	-58 to 158 F / -50 to 70 C	1	±1	4.75	120	120	No	No	Yes	
4127	4	Yes	-58 to 158 F / -50 to 70 C	1	±1	2.5	120	n/y/y	No	Yes	Yes	
4527	4	Yes	-58 to 158 F / -50 to 70 C	1	±1	1.25	120	n/y/y	Yes	Yes	Yes	
4227	5	Yes	-58 to 158 F / -50 to 70 C	0.1	±0.5	2.5	120	n/y/y	No	Yes	Yes	
4627	5	Yes	-58 to 158 F / -50 to 70 C	0.1	±0.5	125	120	n/y/y	Yes	Yes	Yes	
4105	6	Yes	-40 to 176° F / -40 to 80° C	0.5	±1.5	1.5	72	n/y/y	No	No	Yes	
4305	6	Yes	-40 to 176° F / -40 to 80° C	0.5	±1.5	2.5	72	n/y/y	No	No	Yes	
4605	6	Yes	-40 to 176° F / -40 to 80° C	0.5	±1.5	125	72	n/y/y	Yes	No	Yes	
4548	6	Yes	-58 to 158 F / -50 to 70 C	0.1	±1.5	2.5	120	n/y/y	No	No	Yes	
4148	6	Yes	-58 to 158 F / -50 to 70 C	0.1	±1.0	1.5	120	n/y/y	No	No	Yes	
4648	6	Yes	-58 to 158 F / -50 to 70 C	0.1	±1.0	125	120	n/y/y	Yes	No	Yes	
4120	7	Yes	-58 to 158 F / -50 to 70 C	1	±1	0.75	120	n/y/y	No	No	Yes	
4321-4322	7	Yes	-58 to 158 F / -50 to 70 C	1	±1	2.5	120	n/y/y	No	No	Yes	
4521-4522	7	Yes	-58 to 158 F / -50 to 70 C	1	±1	1.25	120	n/y/y	Yes	No	Yes	
4115	7	Yes	-58 to 158 F / -50 to 70 C	0.1	±1.0	0.75	120	n/y/y	No	Yes	Yes	
4118	7	Yes	-58 to 158 F / -50 to 70 C	0.1	±1.0	2.5	120	n/y/y	No	Yes	Yes	
4618	7	Yes	-58 to 158 F / -50 to 70 C	0.1	±1.0	125	120	n/y/y	Yes	Yes	Yes	
4230	8	Yes	-99.9 to 199.9 C	0.1	±1.0	5	120	n/y/y	No	No	No	
4157-4158	8	Yes	14 to 131 F / -99 to 55 C	0.1	±1.0 / ±0.5	n/a	n/a	n/n/n	No	No	No	
4159-4160	8	Yes	-13 to 158 F / -25 to 70 C	0.1	±1.0	n/a	n/a	n/n/n	No	No	Yes	