

1-800-GRAINGER (472-4643)

Desk or Wall Mount Temperature & Humidity Meters

Meters with cabled sensors provide multiple readings: ambient temperature and humidity via the base's own sensor and remote readings from the location of the remote sensor. Cabled sensors are typically probes placed into containers, on a piece of electronic equipment, or on another moderate low- or high-temperature device.

Clocks with temperature and humidity sensors display the current time, temperature, and relative humidity. 2HPF5 is radio controlled to automatically adjust time via NIST time code.

Direct-reading digital meters measure and display both temperature and humidity.

Secondary Scale	Base Temperature Range	Included Probes	Accuracy	Digital Display	Item No.
Meters with Cabled Sensors					
Primary Scale: Indoor Humidity/Temperature					
Outdoor Humidity/Temperature	14 to 140°F/-10 to 60°C	—	±1.8°F/±1°C/±4% RH	2-Digit LCD Display	5PE75
Primary Scale: Indoor Temperature					
Outdoor Temperature	14 to 140°F/-10 to 60°C	—	±1.8°F/±1°C	1 in 4-Digit LCD Display - 1 in Digit Height	4FB69
Primary Scale: Humidity					
Dew Point/Temperature	14 to 140°F/-10 to 60°C	Extendable Probe with 18 in Cable	±1.8°F/±1°C/±4% RH	3-Digit LCD Display	5PE71
Primary Scale: Outdoor Temperature					
Indoor Temperature	-40° to 158°F/-40° to 70°C	10 ft Probe	±2°F/±2°C	4-Digit LCD Display	48TA31
Primary Scale: Temperature					
—	20° to 120°F/29° to 50°C	(2) 3 m Probes	±1.8°F/±1°C	4-Digit LCD Display	3NE56
—	-40° to 158°F/-40° to 70°C	Stainless Steel Probe with 9.6 ft Cable	±0.9°F from 32° to 75°F/±0.5°C from 0° to 24°C	4-Digit LCD Display	21EN92
Humidity	14 to 140°F/-10 to 60°C	Extendable Probe with 18 in Cable	±1.8°F/±1°C/±4% RH	4-Digit LCD Display	5PE76
Humidity	14 to 140°F/-10 to 60°C	—	±1.8°F/±1°C/±4% RH	4-Digit LCD Display	5PE78



5PE78



2HPF5



4PC65

Secondary Scale	Temperature Range	Humidity Range	Accuracy	Digital Display	Item No.
Clocks with Temperature & Humidity Sensors					
Primary Scale: Time					
Date/Day/Humidity/Temperature	32° to 122°F/0° to 50°C	20% to 99% RH	±2°F/±1°C/±6% RH	11.5 in H x 16.75 in W 4-Digit LCD Display - 4.3 in Digit Height	2HPF5
Humidity/Temperature, Temperature	14° to 140°F/-10° to 60°C	10% to 85% RH	±1.8°F/±1°C/±6% RH	2.8 in H x 0.8 in W 4-Digit Backlit LCD Display - 1/2 in Digit Height	3ZH92
Direct-Reading Meters					
Primary Scale: Comfort Index					
Humidity/Temperature/Time	14°F to 122°F/-10°C to 50°C	20% to 90%	±2°F/±1°C/±5% RH	2 1/16 in H x 3 in W 3-Digit LCD Display - % in Digit Height	48TA32
Primary Scale: Humidity					
Dew Point/Temperature	14° to 140°F/-10° to 60°C	10% to 99%	±1.8°F/±1°C/±4% RH	4.3 in H x 3.9 in W 3-Digit Backlit LCD Display - 1.5 in Digit Height	3LRV4
Temperature	14° to 140°F	10% to 99%	±2°F/±5% RH	1 1/2 in H x 2 in W 3-Digit Backlit LCD Display - 1 in Digit Height	30ZU96
Temperature	32° to 122°F/0° to 50°C	16% to 98%	±2°F/±5% RH	2.2 in H x 1.5 in W 2-Digit LCD Display - 4% in Digit Height	53DP73
Primary Scale: Temperature					
Humidity	14° to 140°F/-10° to 60°C	10% to 99%	±1.8°F/±1°C/±5% RH	2 in H x 3 1/2 in W 4-Digit Backlit LCD Display - 1 in Digit Height	4PC65

Critical Temperature Analog Bottle Thermometers

■ NIST certified

Bottles are filled with a biosafe material intended to mimic the critical samples that need to be measured. An analog thermometer is inserted into the bottle for easy temperature readings. Bottles are placed into the environment that needs to be monitored, and the temperature reading mimics the temperature of the critical samples. Bottles are shatter resistant and not impacted by power outages, opening and closing of doors, or other sudden changes. Designed primarily for temperature verification. Commonly used in blood banks, pharmacies, hospitals, and laboratories.



Temperature Range	Graduations	Accuracy	Overall Height	Bottle Fill	Item No.
For Blood Bank, Vaccine & Critical Refrigeration Environments					
10° to 30°C	0.5°C	±1°C	140 mm	Glycol - 30 mL	8U008
-2° to 10°C	0.1°C	±0.2°C	135 mm	Enviro-Safe® Liquid - 60 mL	12L951
	0.1°C	±0.4°C	135 mm	Glass Beads - 60 mL	12L969
-5° to 15°C	0.5°C	±1°C	125 mm	Glycol - 30 mL	8RLT4
-5° to 20°C	0.5°C	±1.5°C	130 mm	Glycol - 30 mL	8AU73
	0.5°C	±0.5°C	200 mm	Enviro-Safe® Liquid - 30 mL	12L959
For Freezers & Ultra-Low Freezers					
-30° to 0°C	0.5°C	±1°C	125 mm	Glycol - 30 mL	8AU74
	0.5°C	±0.75°C	130 mm	Glycol - 30 mL	8U006
-30° to 1°C	0.5°C	±0.5°C	145 mm	Enviro-Safe® Liquid - 30 mL	12L958
-90° to 25°C	1°C	±1.5°C, ±2.5°C Below -50°C	200 mm	Glass Beads - 30 mL	12L976
For Incubators & Water Baths					
15° to 50°C	0.5°C	±0.5°C	135 mm	Enviro-Safe® Liquid - 30 mL	735W53
	0.5°C	±0.75°C	145 mm	Glass Beads - 30 mL	12L978
18° to 50°C	0.5°C	±1°C	135 mm	Glycol - 30 mL	8RLT5
	0.5°C	±1.5°C	140 mm	Glycol - 30 mL	9FAN0
-5° to 20°C	0.5°C	±0.75°C	135 mm	Glass Beads - 30 mL	12L975
For Lab Ovens					
20° to 130°C	1°C	±1.5°C, ±2°C Above 100°C	180 mm	Glass Beads - 30 mL	12L979
	1°C	±2°C	135 mm	Sand - 30 mL	8WYC1

Wall-Mount Analog Thermometers & Hygrometers

Choose from easy-to-read dial thermometers or traditional liquid-in-glass vertical units. Durable Indoor/Outdoor units are weather resistant. Commonly mounted on walls in warehouses and other industrial facilities.



Wall-Mounted Dial Thermometer
3LYK1

Wall-Mounted Liquid-in-Glass Thermometer
2T706

Temp. Range (F)	Temperature Graduations	Overall Dim.	Dial Design	Item No.
Wall-Mounted Dial Thermometers				
Indoor/Outdoor				
-60° to 140°	2°F	12 1/2 in dia	Black Scale on White Dial	3LYK1
-60° to 120°	2°F/1°C	5 in dia	Black Scale on White Dial	53DP74
-40° to 140°	2°F/1°C	8 in dia	Black Scale on White Dial	53DP75
Indoor				
-60° to 120°	2°F/10°C	12 in dia	Black Scale on White Dial	49T439
-40° to 120°	2°F/2°C	10 in dia	White Scale on Black Dial	49T436
Commercial and Residential, Storage Areas, Indoor/Outdoor, Food Preparation, Cold Rooms/Refrigerators				
-60° to 120°	2°F	18 in dia	Black Scale on White Dial (F)/ White Scale on Black Dial (C)	3T195
Wall-Mounted Liquid-in-Glass Thermometers				
Indoor/Outdoor				
	2°F	9 1/4 in H x 2 3/4 in W x 1/4 in D	Blue/Red Scale with Nontoxic Liquid Fill	2T707
-40° to 120°	2°F	8 1/2 in H x 7 1/2 in W x 1 in D	Black Scale on a White Dial with Mercury-Free Fluid	3LPD7
	2°F	8 3/4 in H x 2 3/4 in W x 3/4 in D	White Scale with Magnet Reset Push Button	3JPG5
Outdoor Orchard/Grove				
10/100	1°F	1 1/4 in H x 10 in W x 3/8 in D	Black Scale	3JPK6
Cold Rooms/Refrigerators				
+/-1°	1°F	12 in H x 3/8 in D	Black Scale with Nontoxic Liquid Fill	2T705
+/-2°	2°F	12 in H x 3/8 in D	Black Scale with Nontoxic Liquid Fill	2T706
Wall-Mount Dial Temperature & Humidity Gauges				
Indoor/Outdoor — 0° to 100% Humidity				
-40° to 120°	2°F/1°C	12 in dia	Black Scale on White Dial	3LRD3
Indoor — 0° to 100% Humidity				
30° to 250°	2°F/2°C	147 mm dia	Black Scale on White Dial	3LYU4
	2°F/2°C	147 mm dia	Black Scale on Gold Dial	49T438
-40° to 120°	2°F/2°C	10 in dia	White/Red Scale on Black Dial	49T437
Greenhouse, Laboratory — 25% to 80% Humidity				
-22° to 122°	2°F	10 3/4 in dia	White Scale on Blue Dial	9DN75
Storage Areas, Greenhouse, Laboratory, Office — 20% to 100% Humidity				
0° to 160°	—	5 in dia	Black Scale on White Dial	8NCJ0

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