

1-800-GRAINGER (472-4643)

Dial Pocket Thermometers

- 1"-dia. dials
- 5"L stems

Clear, plastic lens displays temperature on an easy-to-read black scale with a white background. Stainless steel case, stem, and bezel that provides shock protection in extreme environments. Thermometers can be quickly calibrated with an external adjustment screw. Often used in food processing, testing, and HVAC applications.

NSF-rated thermometers are used in food processing and production, and the food service and hospitality industries where thermometers come in contact with food.

►CHOOSE:	Temperature Range	Accuracy	Stem Diameter	Glow-in-the-Dark	Item No.
General Purpose Dial Pocket Thermometers					
Fahrenheit					
-40° to 70°F, -40° to 160°F, 0° to 50°F, 25° to 125°F	±1%	0.15 in	No		K3149
-40° to 120°F	±1%	0.142 in	No		423M60
0° to 220°F	±2°F	0.15 in	No		23NU28
50° to 500°F	±1%	0.15 in	No		3JPE7
Celsius					
-10° to 110°C, 0° to 250°C	±1%	0.15 in	No		K3150
NSF-rated Dial Pocket Thermometers					
-40° to 160°F, 0° to 220°F	±2%	0.142 in	Yes		K3151
-40° to 160°F, 0° to 220°F, 25° to 125°F	±2°F	0.15 in	No		K3152
0° to 220°F	±1%	—	No		6HXE8
0° to 220°F	±2°F	0.142 in	No		K3151
0° to 220°F, 25° to 125°F	±1%	4 mm	No		K3153



Dial Thermometers for Compost & Soil

Compost thermometers have threads used for mounting to permanent or semipermanent locations like compost bins. Soil thermometers have a plain bushing and are intended for both long- and short-term immersion in soil. Shaded and labeled zone on the dial highlights if the soil or compost bin is hot, cold, or an ideal temperature.

Temperature Range	Stem Length	Dial Diameter	Accuracy	Stem Diameter	Item No.
Dial Thermometers for Compost					
Celsius, Fahrenheit					
0° to 220°F/-18° to 104°C	36 in	3 in	±1.5%	¼ in	3JPG1
Fahrenheit					
-40° to 160°F	6 in	3 in	±2°F	¼ in	20KL36
	12 in	3 in	±2°F	¼ in	55E226
	36 in	3 in	±2°F	¾ in	20KL37
	36 in	3 in	1%	¾ in	3LPV4
	48 in	3 in	1%	¾ in	3LPV2
	48 in	3 in	±2°F	¾ in	55E227
	60 in	3 in	1%	¾ in	3LPV6
	72 in	3 in	1%	¾ in	3LPV8
Dial Thermometers for Soil					
Celsius					
-10° to 110°C	12 in	2 ½ in	±1%	¼ in	3JPH8
	36 in	2 ½ in	±1%	¼ in	3JJP1
Celsius, Fahrenheit					
20° to 180°F/0° to 80°C	4 in	2 in	±2%	½ in	3LPU7
Fahrenheit					
-40° to 160°F	6 in	2 ½ in	±1%	¼ in	3JPH2
	12 in	2 ½ in	±1%	¼ in	3JPG9
	18 in	2 ½ in	±1%	¼ in	3JPH6
	20 in	1 ¾ in	1%	¼ in	3JPN4

Digital Pocket Thermometers

- 0.1°F/0.1°C resolution
- 4-digit displays, except 3KGL8 which has a 6-digit backlit display

Digital LCD display reduces reading errors and allows for quick at-a-glance checks. Small, portable units provide faster response times than standard thermometers. Commonly used to record temperatures in food processing, testing, and HVAC applications.

NSF-rated thermometers are used in food processing and production, and the food service and hospitality industries where thermometers come in contact with food.

Temperature Range	Stem Length	Display size	Digit Height	Accuracy	STANDARD Item No.	NIST Item No.
Industrial & Laboratory Digital Pocket Thermometers						
Side Reading Pen Style						
-58° to 302°F/-50° to 150°C	8.38 in	¾ in H x ¾ in W	0.375 in	±1.8°F/±1°C (-4° to 248°F/-20° to 120°C), ±3.6°F/±2°C (Otherwise)	3KTW1	—
	3.25 in *	½ in H x 1 ½ in W	0.375 in	±1.8°F/±1°C (-22° to 302°F/-30° to 150°C), ±4°F/±2°C (Otherwise)	21CH60	49EL80
-58° to 572°F/-50° to 300°C	4.5 in *	¾ in H x ¾ in W	0.75 in	±1°C Between -20° and 100°C	—	3KGL8
	4.5 in *	2 in H x 1 in W	1 in	±1.8°F/±1°C	5WG21	—
	8 in	0.3 in H x 0.75 in W	0.25 in	±1°C (-20° to 120°C), ±2°C (-50° to -20°C/120° to 200°C), ±3°C (Otherwise)	23NU22	—
-40° to 390°F/-40° to 200°C	4 in	—	—	±2°F	52VN92	—
-40° to 392°F/-40° to 200°C	2.75 in	5.9 in H x 0.7 in W	0.25 in	±2°F/±1°C	21EP01 †	—
Top Reading Non-Rolling Style						
-40° to 302°F/-40° to 150°C	4.5 in	¾ in H x ¾ in W	0.3125 in	±1.8°F/±1°C	3KTP8	—
Top Reading T-Handle Style						
-58° to 572°F/-50° to 300°C	4.75 in	0.3 in H x 0.75 in W	0.25 in	±1°C (-20° to 120°C), ±2°C (-50° to -20°C/120° to 200°C), ±3°C (Otherwise)	23NU20	—
14° to 212°F/-10° to 100°C	5 in	¾ in H x ¾ in W	0.25 in	±1.0°F/±0.5°C	49WX89	—
NSF-Rated Digital Pocket Thermometers						
Side Reading Pen Style						
-58° to 572°F/-50° to 300°C	3.25 in	½ in H x 1 ¾ in W	0.5 in	±1.8°F/±1°C (-22° to 302°F/-30° to 150°C), ±4°F/±2°C (Otherwise)	—	49EL79 †
	8.69 in *	¾ in H x 2 in W	0.75 in	±1.8°F/±1°C (-22° to 302°F/-30° to 150°C), ±4°F/±2°C (Otherwise)	55UX44	—
Top Reading Non-Rolling Style						
-40° to 302°F/-40° to 150°C	5 in	0.4 in H x 0.8 in W	0.4 in	±2°F	6DKD3	—
-40° to 450°F/-40° to 230°C	5 in	0.4 in H x 0.8 in W	0.4 in	±1°F (0° to 230°F), ±3.6°F (Otherwise)	4LY14 †	—
Top Reading T-Handle Style						
-58° to 572°F/-50° to 300°C	5 in	½ in H x 1 in W	0.25 in	±1.8°F (-22°F to 302°F), ±4°F (Otherwise)	9UGY9 †	49EL81 †

* Folding stem. † Waterproof.

Vat & Pan Clip-On Dial Thermometers

- NSF Rated

Thermometers with metal stem are used to monitor temperature in open tanks, pans, or vats. Feature a clip to temporarily mount to the side wall of a pot, kettle, tank, or other open vessel for ongoing monitoring. Approved for use in food manufacturing and processing, food service, hospitality, and other applications where the thermometer comes in contact with food. 304 stainless steel housing. For 0.75" wall thickness.

Temperature Range	Stem Length	Temperature Graduations	Accuracy	Dial Diameter	Lens Material	Item No.
Celsius						
-40° to 70°C	8 in	1°C	±1%	2 in	Glass	8TNY2
-10° to 110°C	8 in	1°C	±1%	2 in	Glass	8ACU1
	12 in	1°C	±1%	1 ¾ in	Plastic	8XXV0
0° to 50°C	8 in	0.5°C	±1%	2 in	Glass	8ACU2
0° to 250°C	12 in	2°C	±1%	1 ¾ in	Plastic	8A272
Fahrenheit						
-40° to 70°F	12 in	0.5°F	±1%	1 ¾ in	Plastic	9GCV7
-40° to 160°F	8 in	0.5°F	±1%	2 in	Glass	8AFZ6
	12 in	0.5°F	±1%	1 ¾ in	Plastic	8A268
0° to 50°F	12 in	0.5°F	±1%	1 ¾ in	Plastic	8A273
0° to 220°F	8 in	0.5°F	±1%	2 in	Glass	8AFZ7
	12 in	0.5°F	±1%	1 ¾ in	Plastic	8A270
25° to 125°F	12 in	0.5°F	±1%	1 ¾ in	Plastic	9PDW3
	8 in	0.5°F	±1%	2 in	Glass	9RTU5
50° to 500°F	12 in	0.5°F	±1%	1 ¾ in	Plastic	8XXV9



9RTU5