

RTD Probes

Provide excellent accuracy, stability, and repeatability



Nylon handle



Three-pin connector

Use our RTD probes to measure temperature when accuracy is important. All probes include a 5-ft PVC coiled cord with strain relief that protects from repeated flexing and tugging. Ergonomic, easy-grip 5" long glass-filled nylon handle provides maximum heat insulation and impact resistance. Fingerstops on handle prevent probe from rolling and fingers from sliding when inserting probe into hard materials.

The 316 stainless steel sheath (tip casing) provides durability, strength, and maximum abrasion resistance. Rugged three-pin circular connector with positive-locking tab prevents loose connections. Compatible with all Oakton and Acorn® RTD thermometers.

A General-Purpose: Designed for most common and liquid immersion applications.

B Penetration: Pointed tip style for penetration into hard and semi-solid materials. Sturdy stainless steel tip casing prevents tip from bending when inserting.

C Surface: Flat sensor wires are encased in hardened MgO ceramic insulation to ensure positive contact even under vibrating circumstances and extreme conditions.

D Air/Gas: Perforated shield allows air and other gases to flow into sensor for quick readings. Metal shield also absorbs radiated heat and minimizes sensor error.

E FEP-Coated: Same as our general-purpose tip, but this tip has a FEP coating over the tip casing for use with acids and strong chemicals.

F Small Diameter: Same as our general-purpose tip, but this probe has a 1/8" diameter tip for insertion into soft and semisoft materials.

G Smallest Diameter Wedge: Small diameter angled tip with point can be wedged into tight areas and minimizes damage to samples.

H Alligator Clip: Clips onto objects up to 3/8" thick. The 10-ft, 304 stainless steel flexible braid over fiberglass cable has no handle.

Specifications & Ordering Information

Key	Catalog number	Temperature range	Tip length	Dimensions
A	WD-08117-70	-50 to 500°C (-58 to 932°F)	10"	
	WD-08117-72		18"	
B	WD-08117-85	-50 to 500°C (-58 to 932°F)	4"	
C	WD-08117-75	-50 to 500°C (-58 to 932°F)	8"	
D	WD-08117-90	-50 to 500°C (-58 to 932°F)	10"	
E	WD-08117-87	-50 to 260°C (-58 to 500°F)	10"	
F	WD-08117-73	-50 to 500°C (-58 to 932°F)	10"	
	WD-08117-74		18"	
G	WD-08117-80	-50 to 500°C (-58 to 932°F)	2"	
H	WD-08117-89	-50 to 500°C (-58 to 932°F)	1.5"	

INNOCAL®
INNOVATIVE CALIBRATION SOLUTIONS

WD-17002-04 NIST-traceable calibration with data for RTD system (meter + probe) with test data calibrated at four temperature test points
WD-17001-04 NIST-traceable calibration with data for RTD probe