

temperature products

100 platinum rtd probes





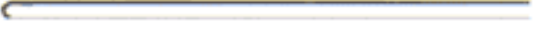


- Choose integral-handle probes or special-purpose probes without handles
- New bendable sheath and alligator clip probes available

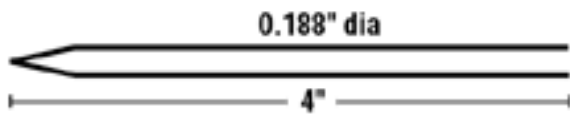
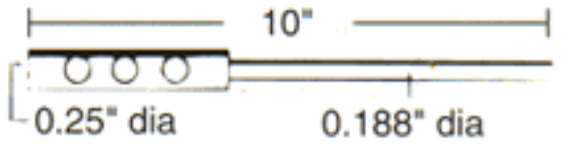
Use these 100Ω platinum RTD probes with our thermometers shown on previous screens. These probes also fit the RTD temperature controllers. All probes feature a three-pin connector. Use the extension leads sold separately, for remote measuring.

Alpha coefficient is 0.003850 Ω/Ω°C (DIN IEC 751). Resistance at ice point (0°C) is 100Ω. ±0.1Ω. Each 316 SS probe has a characteristic time constant; five time constants are needed to reach 99% of final reading. Integral-handle probes include 5-ft PVC coiled cable and 5 1/2" L glass-filled nylon handle.

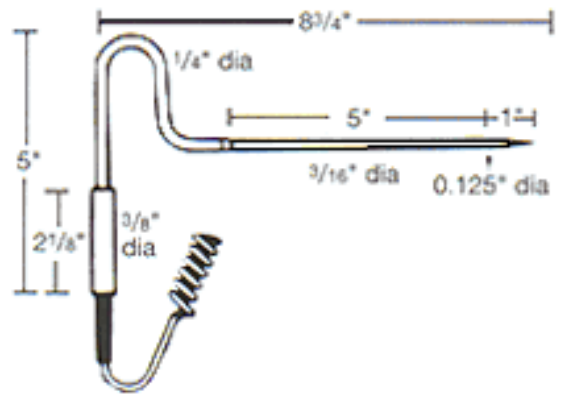
ORDERING INFORMATION

Integral Handle Probes

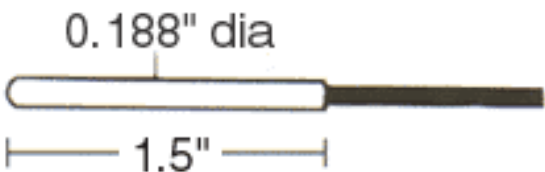
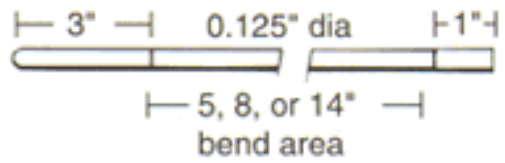
Cat. no.	Description	Time Constant	Dimensions
8117-70	10"L General-purpose immersion probe Range: -58 to 932°F (-50 to 500°C)	10 Seconds	0.188" dia 
8117-72	18"L General-purpose immersion probe Range: -58 to 932°F (-50 to 500°C)	10 Seconds	10" or 18" 
8117-73	10"L Bendable immersion probe Range: -58 to 932°F (-50 to 500°C)	10 Seconds	0.125" dia 
8117-74	18"L Bendable immersion probe Range: -58 to 932°F (-50 to 500°C)	10 Seconds	10" or 18" 
8117-87	Teflon®-coated general-purpose probe Range: -58 to 500°F (-50 to 260°C)	15 Seconds	0.145" dia 10" 
8117-75	Surface probe Range: -58 to 932°F (-50 to 500°C)	24 Seconds	1.6" 6.5" 0.250" dia 
8117-80	Needle probe Range: -58 to 932°F (-50 to 500°C)	10 Seconds	0.093" dia 4" 

8117-85	Penetration probe Range: -58 to 932°F (-50 to 500°C)	10 Seconds	
8117-90	Air/gas probe Range: -58 to 932°F (-50 to 500°C)	4 Seconds	

New Heavy-Duty Penetration Probes

Cat. no.	Description	Time Constant	Dimensions
8117-86	Sharp piercing tip measures temperature of soft or semisoft materials such as semifrozen meats, liquids, or plastics. Penetrates 6". Features 316 SS sheath. Range: -150° to 1000°F (-101 to 538°C)	6 Seconds	

Special-Purpose Probes Without Handles

Cat. no.	Description	Time Constant	Dimensions
8117-96	Compact; Ideal for use in ovens. Range: -58 to 932°F (-50 to 500°C) Cable: 5-ft, 304 SS braid over fiberglass	10 Seconds	
8117-97	9"L Bendable sheath probes. Range: -58 to 932°F (-50 to 500°C) Cable: 3-ft, 304 SS braid over fiberglass.	10 Seconds	
8117-98	12"L Bendable sheath probes. Range: -58 to 932°F (-50 to 500°C) Cable: 3-ft, 304 SS braid over fiberglass.	10 Seconds	
8117-99	18"L Bendable sheath probes. Range: -58 to 932°F (-50 to 500°C) Cable: 3-ft, 304 SS braid over fiberglass.	10 Seconds	
8117-89	Alligator clip probe. Range: -58 to 932°F (-50 to 500°C) Cable: 10-ft, 304 SS braid over fiberglass.	24 Seconds	