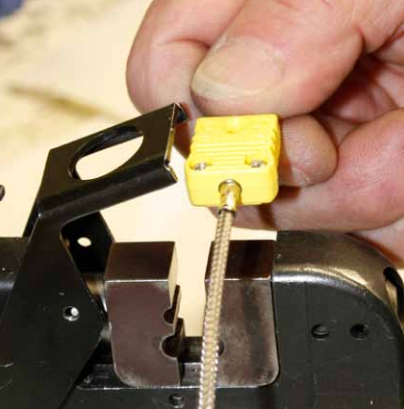


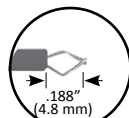
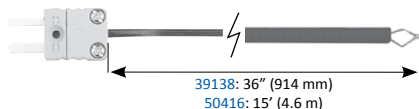
# MISCELLANEOUS PROBES

Cooper-Atkins manufactures hundreds of different probes for a multitude of uses that can be custom-designed for specific customer needs.

For information on any item not shown or listed here, or if you would like us to design and build probes that are unique to your business, please contact Customer Service at 860-347-2256 or visit [www.cooper-atkins.com](http://www.cooper-atkins.com)



## 39138 & 50416 (J, K or T) Bare Tip Probe - FEP Cable

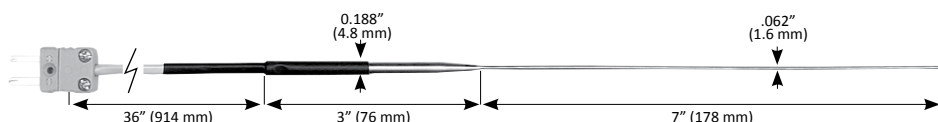


Bare Thermocouple Sensor Tip

Temp. Range: -328° to 400°F (-200° to 205°C)  
Max Tip/Cable Temp: 400°F (205°C)  
Response Time: 1 second, liquid; 7 seconds in 5m/sec. air stream  
Unit Weight: 1 oz (28 g)  
[Flexible Cable with FEP Jacket](#)

Can measure immersion or air temperatures, or can be installed in substrates of surfaces. Can be embedded in products for freezing and heating studies.

## 49136 (J, K or T) Bendable Tip Probe

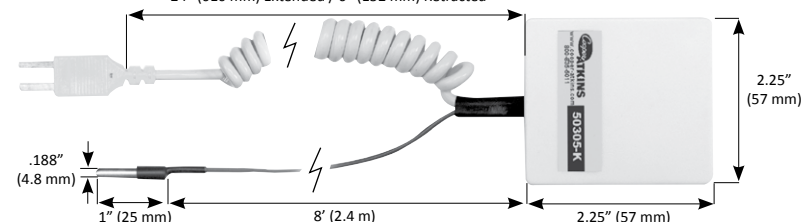


Temp. Range: 32° to 1652°F (0° to 900°C)  
Max Tip Temp: 1652°F (900°C)  
Max Cable Temp: 221°F (105°C)  
Response Time: 1 second, liquid  
Unit Weight: 1 oz (28 g)  
[Flexible Cable with PVC Jacket](#)

MgO filled stainless steel stem is bendable, ideal for air or liquid temperatures in which quick response is desired or higher temperatures are being measured.

## 50305 (J, K or T) Freezer / Cooler Probe - Mountable

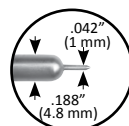
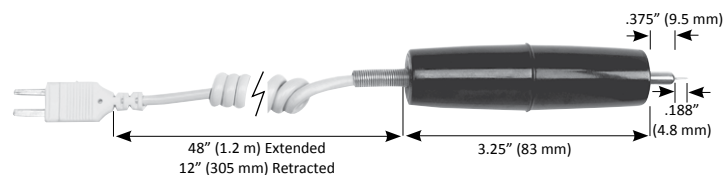
24" (610 mm) Extended / 6" (152 mm) Retracted



Temp. Range: -40° to 400°F (-40° to 205°C)  
Max Tip Temp Sensor Cable: 400°F (205°C)  
Max Coil Cable Temp: 176°F (80°C)  
Response Time: 25 seconds, air  
Unit Weight: 3 oz (85 g)  
[Coil Retractable Cable and Sensor Cable with Flexible FEP Jacket](#)

Thermocouple Instrument can be plugged into a junction box for quick temperature measurement without opening the freezer or cooler door.

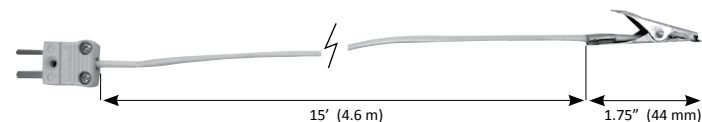
## 50121 (J, K or T) Racing Tire Probe - Fine Needle Tip



Temp. Range: -40° to 500°F (-40° to 260°C)  
Max Tip Temp: 500°F (260°C)  
Max Cable Temp: 176°F (80°C)  
Max Handle Temp: 325°F (163°C)  
Response Time: 1 second, liquid  
Unit Weight: 4 oz (113 g)  
[Coiled Retractable Cable](#)

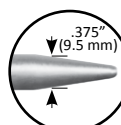
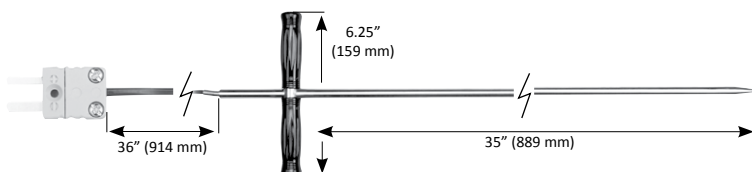
Tip designed specifically to penetrate soft rubber and to provide fast response times

## 50415-K Dishwasher Probe



Temp. Range: -67° to 221°F (-55° to 105°C)  
Max Tip/Cable Temp: 221°F (105°C)  
Response Time: 9 seconds in 5m/sec. air stream  
Unit Weight: 3 oz (85 g)  
[PVC Jacketed Straight Cable](#)

## 50701-K Combo Probe - Heavy-duty, T-Handle



Temp. Range: -100° to 500°F (-73° to 260°C)  
Max Tip Temp: 500°F (260°C)  
Max Cable Temp: 400°F (205°C)  
Max Handle Temp: 150°F (65°C)  
Response Time: 2 seconds, liquid  
Unit Weight: 15 oz (425 g)  
[Flexible Cable with Fluoroelastomer Jacket](#)

The long combo probe is ideal for measuring large cooking kettles, vats or compost.