

# Термометры с термопарами

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# THERMOCOUPLE PROBES

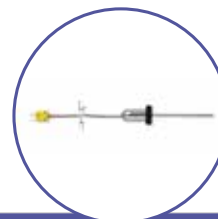
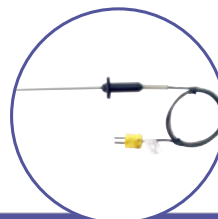
High quality thermocouple thermometers should be coupled with the most in the foodservice industry and are well suited for numerous tasks. Each probe resistant cables. Probes are designed and built to the highest standards allowing

Used to measure insertion and immersion temperatures of food products

- ▶ **MOST EXTENSIVE PROBE LINE IN THE INDUSTRY**
- ▶ **ALL PROBES MANUFACTURED IN AN ISO 9001:2008 FACILITY**



**HEAVY DUTY PROBE WITH LARGE HANDLE GRIP.**



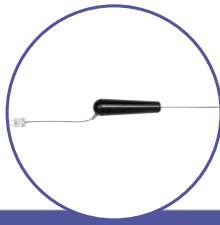
	31901-K	39035-K	49122-K
	Needle Probe	1/8" Diameter Straight Cable	Ultra Fine Chisel Tip Probe 4" Stem
Temperature Range:	-40° to 400°F (-40° to 205)	-40° to 400°F (-40° to 205°C)	-100° to 500°F (-73° to 260°C)
Max Tip Temperature:	400°F (205°C)	400°F (205°C)	500°F (260°C)
Max Cable Temperature:	400°F (205°C)	400°F (205°C)	221°F (105°C)
Response Time (in liquid):	4 seconds	4 seconds	3 seconds
Shaft Length:	4" (102 mm)	4" (102 mm)	4" (102 mm)
Shaft Tip Diameter:	0.125" (3.2 mm)	0.125" (3.2 mm)	0.065" (1.7 mm)
Cable Length Max Extended:	24" (610 mm)	36" (914 mm) FEP Jacket	36" (914 mm) PVC Jacket
Weight:	1 oz (28 g)	1 oz (28 g)	1 oz (28 g)
Warranty:	1 Year	1 Year	1 Year

appropriate probe for the application. Cooper-Atkins' thermocouple probes are the most extensive line you will find is designed by Cooper-Atkins engineers, manufactured in our U.S. facility and built with high-temperature, abrasion-for probe interchangeability with minimal impact on total system accuracy.

including solids, semi-solids and liquids.

## ▶ CUSTOM MANUFACTURING AVAILABLE FOR UNIQUE APPLICATIONS

### Insertion



49126-K	49135-K	50145-K	50101-K	50143-K
4" Reduced Tip - Straight Cable	4" Rugged Needle - Straight Cable	4" Rugged Needle - Coil Cable	Frozen Product Needle Probe	Heavy Duty Needle Probe
32° to 932°F (0° to 500°C)	-40° to 400°F (-40° to 205°C)	-40° to 500°F (-40° to 260°C)	-40° to 400°F (-40° to 205°C)	-40° to 500°F (-40° to 260°C)
932°F (500°C)	400°F (205°C)	500°F (260°C)	400°F (205°C)	500°F (260°C)
400°F (205°C)	400°F (205°C)	176°F (80°C)	400°F (205°C)	176°F (80°C)
1 second	4 seconds	4 seconds	4 seconds	5 seconds
4" (102 mm)	4" (102 mm)	4" (102 mm)	3" (76 mm)	4" (102 mm) 8", 18" and 24" Available
0.063" (1.6 mm)	0.125" (3.2 mm)	0.125" (3.2 mm)	0.150" (3.8 mm)	0.150" (3.8 mm)
36" (914 mm) FEP Jacket	36" (914 mm) FEP Jacket	48" (1.2 m) Polyurethane Jacket	30" (762 mm) Flexible Armored Cable	48" (1.2 m) Polyurethane Jacket
4 oz (113 g)	4 oz (113 g)	4 oz (113 g)	1 lb (454 g)	5 oz (142 g)
1 Year	1 Year	1 Year	1 Year	1 Year

# THERMOCOUPLE PROBES

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Used to measure insertion and immersion temperatures of food products

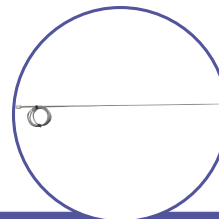
- ▶ **MOST EXTENSIVE PROBE LINE IN THE INDUSTRY**
- ▶ **ALL PROBES MANUFACTURED IN AN ISO 9001:2008 FACILITY**



**50208-K**  
Fry Vat Probe Unique Depth Stop allows you to place probe through fryer basket ensures consistent temperature checks.



**50263-K Patty Probe**  
Unique probe insertion isolates heat transfer from probe tip to Depth Stop, resulting in highly accurate and repeatable temperature measurements.



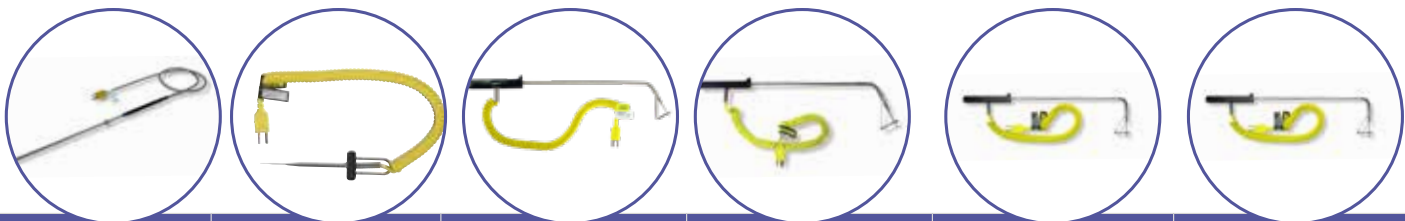
	49140-K	50200-K
	High Temp Fry Vat probe Armored Cable	Vat Probe w/ Clip
Temperature Range:	32° to 2012°F (0° to 1100°C)	-40° to 400°F (-40° to 205°C)
Max Tip Temperature:	2012°F (1100°C)	400°F (205°C)
Max Cable Temperature:	400°F (205°C)	400°F (205°C)
Response Time (in liquid):	2 seconds	12 seconds
Shaft Length:	24" (610 mm)	8" (203 mm)
Shaft Tip Diameter:	0.188" (4.8 mm)	-
Cable Length Max Extended:	36" (914 mm) Flexible Armor	36" (914 mm) FEP Jacket
Weight:	6 oz (170 g)	2 oz (57 g)
Warranty:	1 Year	1 Year

appropriate probe for the application. Cooper-Atkins' thermocouple probes are the most extensive line you will find is designed by Cooper-Atkins engineers, manufactured in our U.S. facility and built with high-temperature, abrasion- for probe interchangeability with minimal impact on total system accuracy.

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▶ **CUSTOM MANUFACTURING AVAILABLE FOR  
UNIQUE APPLICATIONS**

**Insertion**



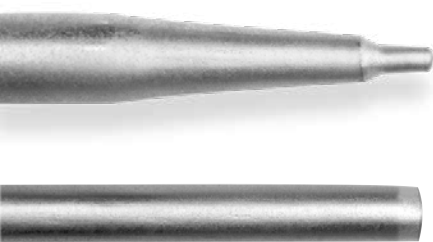
50208-K	50209-K	50263-K	50264-K	50293-K	50294-K
Fry Vat Probe Armored Cable	MicroNeedle - Coil Cable	60° Patty Probe w/ 3/16" depth	60° Patty Probe w/ 1/4" depth	90° Patty Probe w/ 3/16" depth	90° Patty Probe w/ 1/4" depth
-40° to 400°F (-40° to 205°C)	-100° to 500°F (-73° to 260°C)	-100° to 500°F (-73° to 260°C)	-100° to 500°F (-73° to 260°C)	-100° to 500°F (-73° to 260°C)	-100° to 500°F (-73° to 260°C)
400°F (205°C)	500°F (260°C)	500°F (260°C)	500°F (260°C)	500°F (260°C)	500°F (260°C)
400°F (205°C)	176°F (80°C)	176°F (80°C)	176°F (80°C)	176°F (80°C)	176°F (80°C)
8 seconds	1 second	1 second	1 second	1 second	1 second
7.3" (185 mm)	3.5" (89 mm)	8" (203 mm)	8" (203 mm)	8" (203 mm)	8" (203 mm)
0.188" (4.8 mm)	0.043" (1 mm)	0.043" (1 mm)	0.043" (1 mm)	0.043" (1 mm)	0.043" (1 mm)
30" (762 mm) w/Flexible Armored Jacket	48" (1.2 m) Polyurethane Jacket	48" (1.2 m) Polyurethane Jacket	48" (1.2 m) Polyurethane Jacket	48" (1.2 m) Polyurethane Jacket	48" (1.2 m) Polyurethane Jacket
3 oz (85 g)	2 oz (57 g)	3 oz (85 g)	3 oz (85 g)	3 oz (85 g)	3 oz (85 g)
1 Year	1 Year	1 Year	1 Year	1 Year	1 Year

# THERMOCOUPLE PROBES

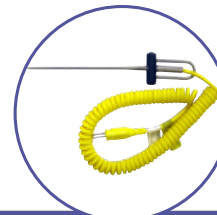
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**50316-K**  
Flat-tipped immersion probe that can be used to take surface temperatures.



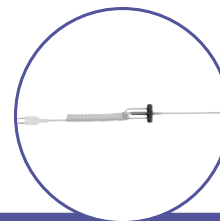
	50334-K	50335-K	50336-K
	DuraNeedle - Straight Cable	Needle Probe w/ Coil Cable	DuraNeedle - Coil Cable
Temperature Range:	-100° to 500°F (-73° to 260°C)	-40° to 500°F (-40° to 260)	-40° to 500°F (-40° to 260)
Max Tip Temperature:	500°F (260°C)	500°F (260°C)	500°F (260°C)
Max Cable Temperature:	400°F (205°C)	176°F (80°C)	176°F (80°C)
Response Time (in liquid):	1 second	4 seconds	2 seconds
Shaft Length:	4" (102 mm)	4.5" (114 mm) 8" and 10" Available	6" (152 mm)
Shaft Tip Diameter:	0.085" (2.2 mm)	0.125" (3.2 mm)	0.085" (2.2 mm)
Cable Length Max Extended:	34" (864 mm) Fluoroelastomer Jacket	48" (1.2 m) Polyurethane Jacket	48" (1.2 m) Polyurethane Jacket
Weight:	2 oz (57 g)	2 oz (57 g)	2 oz (57 g)
Warranty:	1 Year	1 Year	1 Year

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## ▶ CUSTOM MANUFACTURING AVAILABLE FOR UNIQUE APPLICATIONS

### Insertion



50360-K	50361-K	50426-K	50427-K	50316-K
Oven Needle Probe	Armored Meat Probe	4" Reduced Tip - Coil Cable	12" Reduced Tip - Coil Cable	4" Blunt Tip - Coiled Cable
-40° to 500°F (-40° to 260°C)	-40° to 400°F (-40° to 205°C)	32° to 932°F (0° to 500°C)	32° to 932°F (0° to 500°C)	-100° to 500°F (-73° to 260°C)
500°F (260°C)	400°F (205°C)	932°F (500°C)	932°F (500°C)	500°F (260°C)
600°F (316°C)	400°F (205°C)	176°F (80°C)	176°F (80°C)	176°F (80°C)
2 seconds	4 seconds	1 second	1 second	6 seconds (metal surface) / 1 second (liquid)
5.5" (140 mm)	3.875" (98 mm)	4" (102 mm)	12" (305 mm)	4" (102 mm)
0.085" (2.2 mm)	0.085" (2.2 mm)	0.063" (1.6 mm)	0.063" (1.6 mm)	0.125" (3.2 mm)
35" (889 m) Stainless Steel Overbraid	10' (3 m) Flexible Armor	48" (1.2 m) Polyurethane Jacket	48" (1.2 m) Polyurethane Jacket	48" (1.2 m) Polyurethane Jacket
1 oz (28 g)	6 oz (170 g)	5 oz (142 g)	5 oz (142 g)	2 oz (57 g)
1 Year	1 Year	1 Year	1 Year	1 Year

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