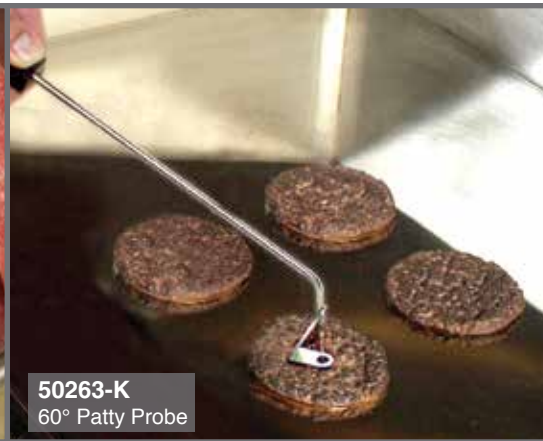




# Thermocouple Probes



**50207-K**  
MicroNeedle Probe



**50263-K**  
60° Patty Probe




**50336-K**  
DuraNeedle Probe

Cooper-Atkins' thermocouple probes are the most extensive line you will find in the foodservice industry. We produce different types of probes for all kinds of temperature measuring applications, from internal food to equipment surface temperatures. We build all of our probes at our headquarters in Connecticut, so you can rely on Cooper-Atkins to custom design and manufacture a probe for your specific needs. All our probes are manufactured in an ISO 9001:2008 facility.

Insertion/ Needle Probes	31901-K	50207-K	50208-K	50209-K	50263-K	50335-K	50336-K
<b>Description</b>	Needle Probe	Direct Connect MicroNeedle Probe Chisel Tip	Fry Vat Probe	MicroNeedle Probe	60° Patty Probe w/ 3/16" (4.76 mm) Depth Indicator (other angles available)	Needle Probe (other sizes available)	DuraNeedle Probe
<b>Temperature Range:</b>	-40° to 400°F (-40° to 205°C)	-100° to 500°F (-73° to 260°C)	-40° to 400°F (-40° to 205°C)	-100° to 500°F (-73° to 260°C)	-100° to 500°F (-73° to 260°C)	-40° to 500°F (-40° to 260°C)	-40° to 500°F (-40° to 260°C)
<b>Max Tip Temperature:</b>	400°F (205°C)	500°F (260°C)	400°F (205°C)	500°F (260°C)	500°F (260°C)	500°F (260°C)	500°F (260°C)
<b>Max Cable Temperature:</b>	400°F (205°C)	-	400°F (205°C)	176°F (80°C)	176°F (80°C)	176°F (80°C)	176°F (80°C)
<b>Response Time (in liquid):</b>	4 seconds	1 second	8 seconds	1 second	1 second	4 seconds	2 seconds
<b>Shaft Length:</b>	4" (102 mm)	3.75" (95 mm)	7.3" (185 mm)	3.5" (89 mm)	8" (203 mm)	4.5" (114 mm)	6" (152 mm)
<b>Cable Length Max Extended:</b>	24" (610 mm)	Direct Connect No Cable	30" (762 mm) w/ Flexible Armored Cable	48" (1.2 m)	48" (1.2 m)	48" (1.2 m)	48" (1.2 m)
<b>Accuracy:</b>	± 1°F	± 1°F	± 1°F	± 1°F	± 1°F	± 1°F	± 1°F
<b>Warranty:</b>	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year

Surface Probes	50012-K	50014-K	50318-K
<b>Description</b>	Bell Surface Probe	Weighted Griddle Probe	Ceramic Tip Surface Probe
<b>Temperature Range:</b>	-40° to 500°F (-40° to 260°C)	-40° to 500°F (-40° to 260°C)	-40° to 1202°F (-40° to 650°C)
<b>Max Tip Temperature:</b>	500°F (260°C)	500°F (260°C)	1202°F (650°C)
<b>Max Cable Temperature:</b>	176°F (80°C)	400°F (205°C)	176°F (80°C)
<b>Response Time (on oiled surface):</b>	4 seconds	2 seconds	1 second
<b>Shaft Length:</b>	4.5" (114 mm)	-	4" (102 mm)
<b>Cable Length Max Extended:</b>	48" (1.2 m)	30" (762 mm) w/ Flexible Armored Cable	48" (1.2 m)
<b>Weight:</b>	5 oz (142 g)	2 lb (907 g)	5 oz (142 g)
<b>Warranty:</b>	1 Year	1 Year	1 Year

**Henri's Hint**  
 The Total System Accuracy (instrument and probe accuracy combined) over the entire range is a result of rigorous testing against established standards using NIST-traceable equipment.



For our extensive line of probes please refer to our ATKINS Thermocouple Instrument & Probe Catalog #67-1240.

# Thermocouple Probes & Accessories



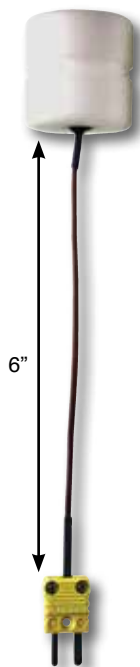
**50012-K**  
Bell Surface Probe



**50306-K**  
Air/Oven Probe

## 52048-K

Thermocouple Solid Simulator  
Simulates food product temperature.  
Mounted with a cable-tie.



Air Probes	39032-K	39138-K	50306-K	52048-K
<b>Description</b>	Handheld Air Probe	Bare Tip Probe	Oven/Freezer Probe	Solid Product Simulator
<b>Temperature Range:</b>	-328° to 400°F (-200° to 205°C)	-328° to 400°F (-200° to 205°C)	-100° to 600°F (-73° to 316°C)	-40° to 180°F (-40° to 82°C)
<b>Max Tip Temperature:</b>	400°F (205°C)	400°F (205°C)	600°F (316°C)	180°F (82°C)
<b>Max Cable Temperature:</b>	400°F (205°C)	400°F (205°C)	600°F (316°C)	400°F (204°C)
<b>Response Time:</b>	11 seconds 5m/sec. air steam	1 sec. liquids 7 sec. 5m/sec. air	1 second liquid 10 sec. 5 m/sec. air	Up to 2 hours to stabilize
<b>Shaft Length:</b>	4" (102 mm)	-	2.125" (54 mm)	1.5" (38 mm)
<b>Cable Length Max Extended:</b>	36" (914 mm)	36" (914 mm)	43" (1.1 m) w/ Stainless Steel Overbraid	6" (152 mm)
<b>Weight:</b>	1 oz (28 g)	1 oz (28 g)	1 oz (28 g)	2.5 oz (71 g)
<b>Warranty:</b>	1 Year	1 Year	1 Year	1 Year

## 9150

- Probe Wipes - Box
- 200 individual foil-wrapped wipes
  - Packet Size: 2" x 2" (51 mm x 51 mm)



*From left to right:*  
50306-K Air/Oven Probe  
50335-K Insertion Probe  
50337-K DuraNeedle Direct Connect Probe  
50210-K MicroNeedle Direct Connect Probe  
50209-K MicroNeedle Probe  
50012-K Bell Surface Probe



## 9391

- Wire Rack & Cup
- Holds Thermocouple Instrument
  - Storage cup holds pocket tests

