



Cooper
ATKINS®

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m 
TECHNICAL PRODUCTS

Thermocouple Accessories

Measuring Success Since 1885

Foodservice Catalog

Thermocouple Probes & Accessories



50207-K
MicroNeedle Probe



50263-K
60° Patty Probe



50336-K
DuraNeedle Probe

The Cooper-Atkins thermocouple probe line is the most extensive you will find in the foodservice industry. Different types of probes are used for all kinds of temperature measurements from internal food to equipment surface temperatures. We build all of our probes, so you can rely on Cooper-Atkins to custom design and manufacture a probe for your specific needs.

Insertion / Needle Probes	31901-K	50207-K	50208-K	50209-K	50263-K	50335-K	50336-K
Description	Needle Probe	MicroNeedle™ Probe Chisel Tip	Fry Vat Probe	MicroNeedle™ Probe	60° Patty Probe w/ 3/16" / 4.76 mm Depth Indicator Ask about other sizes	Needle Probe Ask about other sizes	DuraNeedle™ Probe
Temperature Range:	-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
Max Tip Temperature:	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
Max Cable Temperature:	400°F / 205°C	-	400°F / 205°C	176°F / 80°C	176°F / 80°C	176°F / 80°C	176°F / 80°C
Response Time (in liquid):	4 seconds	1 second	8 seconds	1 second	1 second	4 seconds	2 seconds
Shaft Length:	4" / 102 mm	3.75" / 95 mm	7.3" / 185 mm	3.5" / 89 mm	8" / 203 mm	4.5" / 114 mm	6" / 153 mm
Cable Length Max Extended:	24" / 610 mm w / Silicone® Jacket	Direct Connect No Cable	30" / 762 mm w / Flexible Armored Cable	48" / 1.2 m w / Polyurethane Jacket	48" / 1.2 m w / Polyurethane Jacket	48" / 1.2 m w / Polyurethane Jacket	48" / 1.2 m w / Polyurethane Jacket
Weight:	1 oz / 28 g	.5 oz / 14 g	3 oz / 85 g	2 oz / 57 g	3 oz / 85 g	2 oz / 57 g	2 oz / 57 g
Warranty:	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year

Prover

The Prover tests and validates the calibration accuracy of Type K Thermocouple Instruments. It simulates three selectable temperatures when plugged in.

9319

- 32°F, 100°F and 160°F
- ±0.25°F

- Low battery indicator (LED)
- Battery Life 100 hours
- Weight: 2 oz / 57 g

9319C

- 0°C, 25°C and 60°C
- ±0.14°C



For our extensive line of probes please refer to our Thermocouple Probe Catalog #67-800.



Shown from left to right
50306-K Air / Oven Probe
50209-K MicroNeedle™ Probe
50207-K MicroNeedle™ Direct Connect Probe
50337-K DuraNeedle™ Direct Connect Probe
50335-K Needle Probe
50012-K Bell Surface Probe

Thermocouple Probes & Accessories



50012-K
Bell Surface Probe

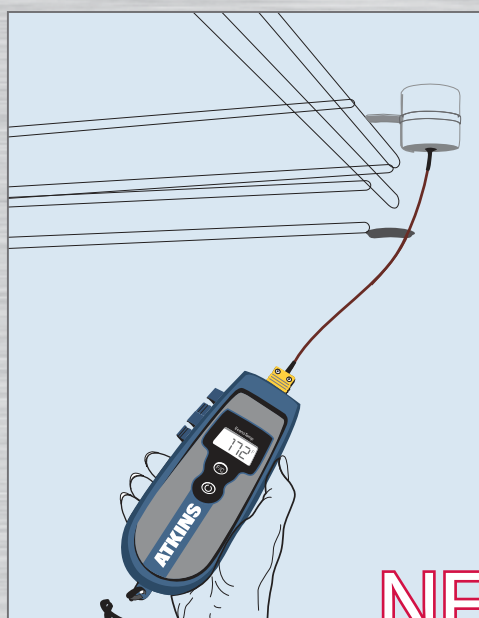


50306-K
Air / Oven Probe

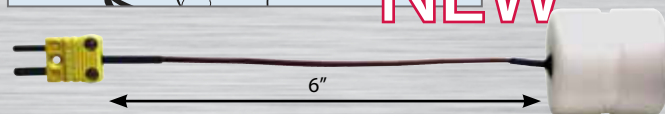
Surface Probes	50012-K	50014-K	50318-K
Description	Bell Surface Probe	Weighted Griddle Probe	Ceramic Tip Surface Probe
Temperature Range:	-40° to 500°F -40° to 260°C	-40° to 500°F -40° to 260°C	-40° to 1202°F -40° to 650°C
Max Tip Temperature:	500°F / 260°C	500°F / 260°C	1202°F / 650°C
Max Cable Temperature: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

Air Probes	39032-K	39138-K	50306-K	52048-K
Description	Hand Held Air Probe	Bare Tip Probe	Air / Oven Probe	Solid Product Simulator
Temperature Range:	-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 81°C
Max Tip Temperature:	400°F / 205°C	400°F / 205°C	600°F / 316°C	180°F / 82°C
Max Cable Temperature:	400°F / 205°C	400°F / 205°C	-	400°F / 204°C
Response Time:	11 seconds 5m / sec. air steam	1 sec. liquids 7 sec. 5m / sec. air	1 second liquid 10 sec. 5m / sec. air	Up to 2 hours
Shaft Length:	4" / 102 mm	-	2.125" / 54 mm	1.5" / 38 mm
Cable Length Max Extended:	36" / 914 mm w/ Flexible Teflon® Cable	36" / 914 mm w/ Teflon® Jacket	43" / 1.1 m w/ Stainless Steel Overbraid	6" / 152 mm
Weight:	1 oz / 28 g	1 oz / 28 g	1 oz / 28 g	2.5 oz / 71 g
Warranty:	1 Year	1 Year	1 Year	1 Year

NEW



NEW



52048-K
Thermocouple Solid Product Simulator

Probe Wipes

Probe Wipes help to meet HACCP guidelines and are an ideal way to clean and sanitize probes between temperature checks to avoid cross contamination. Each wipe contains 70% Isopropyl alcohol.



- 9152**
- 200 per tub
 - 3" x 4.75" (7.6 cm x 12 cm)
 - Weight: 6 oz / 170 g



- 9150**
- 200 per pack
 - 2" x 2" (5 cm x 5 cm)
 - Weight: 8 oz / 227 g



- 9151**
- 70 per tub
 - 3.5" x 2.5" (9 cm x 6.4 cm)
 - Weight: 1 oz / 28 g

Thermocouple Probe Catalog

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COOPER-ATKINS CORPORATION
125 YEARS
New! 100% Stainless Steel



Many complex circuit designs that use calculated values in the equations within their calculators have become a thing of the past. We are so committed to ensuring the accuracy of our products that we guarantee it.

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PROFESSIONAL FOODSERVICE KITCHEN PRODUCTS			
1. 2237 Fry All Probe	14. 330 Refrigerator / Freezer Thermometer	27. DT3361	Digital Cooking Thermometer / Timer with Temperature Alarm and Probe
2. 3028-BK AquaTuff™ Thermocouple Instrument	15. 335 Glass Tube Refrigerator / Freezer Thermometer	28. 323	Meat Thermometer
3. 3030-K Deep Fry Thermometer	16. 336 Bi-Metal Refrigerator / Freezer Thermometer	29. 323	Plastic/Silver Deep Fry / Candy / Jelly Thermometer
4. 3270 24 Hr. Electronic Timer / Clock / Stopwatch	17. 294P Digital Pocket Test Thermometer w/ Temp Alarm	30. 322	Deep Fry / Candy / Jelly Thermometer
5. T1300 90 Minute Stopwatch/Timer w/ Layard	18. DPH400W Pen Style Digital Pocket Test Thermometer	31. T1M00	Long Range Mechanical Timer
6. T9152 Probe Wiper - Large Tub-200 Count	19. 3031A-K Weighted Griddle Probe	32. DT3700	Dual Style Digital Pocket Test Thermometer
7. T1304 Mini-Station 90 Hour Digital Timer	20. 248P Oven Thermometer	33. T1M41	Cook-It-Right® Monitoring Thermometer
8. T724 Single-Station 24 Hour Digital Timer	21. 3210 Grill Surface Thermometer	34. 2228-00	RF Stem Test Thermometer
9. 6022X-K EcoTemp™ Thermocouple Instrument with Duranale® Probe and Wall Bracket	22. 3025X-K Patty Probe, 62° Angle 3/16" Depth	35. 461	Dual Temp™ Infrared Thermometer with RETD Probe
10. T184 T2224 Thermometer Hygrometer	23. T1M109 Pocket Test Pen, Digital	36. 482	Slim-Line™ Infrared Thermometer
11. T212159 Refrigerator / Freezer Thermometer	24. 1245-02 AquaTuff™ In-Wireless Thermocouple Instrument with Duranale® Probe	37. 412	Gun Style Infrared Thermometer w/ Laser
12. 330 Cook-It-Right® Refrigerator / Freezer Thermometer		38. 470	Mini Infrared Thermometer

Cooper Atkins®

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