



Versatility

Each thermocouple instrument can be used in a variety of environments for multiple applications, by providing users with several probe options. Each probe is designed by Cooper-Atkins engineers, manufactured in our U.S. facility and built with high-temperature, abrasion-resistant cables. Probes are designed and built to the highest standards allowing for probe interchangeability with minimal impact on total system accuracy.

STANDARD INSERTION PROBES

Used to measure insertion and immersion temperatures of food products including solids, semi-solids and liquids. Rugged design for quick response and dependable performance.

<p>31901-K 1/8" Diameter Insertion Probe - Petite Handle</p>	<p>Temp. Range: -40° to 400°F (-40° to 205°C) Max Tip/Cable Temp: 400°F (205°C) Max Handle Temp: 300°F (149°C) Response Time: 4 seconds, liquid Unit Weight: 1 oz (28 g) Flexible Cable with Silicone Jacket</p>
<p>50335 / 39035 (J, K or T) 1/8" Diameter Insertion Probe</p> <p>Also available in 8" (302 mm) (50335-8K) and in 10" (254 mm) (50335-10K) shaft lengths.</p>	<p>50335 Temp. Range: -40° to 500°F (-40° to 260°C) Max Tip Temp: 500°F (260°C) Max Cable Temp: 176°F (80°C) Handle Temp: 280°F (138°C) Response Time: 4 seconds, liquid Unit Weight: 2 oz (57 g) Coiled Retractable Cable</p> <p>39035 Temp. Range: -40° to 400°F (-40° to 205°C) Max Tip/Cable Temp: 400°F (205°C) Unit Weight: 1 oz (28 g) Flexible Cable with FEP Jacket</p>
<p>50336 (J, K or T) 6" DuraNeedle Probe</p>	<p>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: 280°F (138°C) Response Time: 2 seconds, liquid Unit Weight: 2 oz (57 g) Coiled Retractable Cable</p>
<p>50337-K DuraNeedle - Direct Connect</p>	<p>Temp. Range: -100° to 500°F (-73° to 260°C) Max Tip Temp: 500°F (260°C) Response Time: 1 second, liquid Unit Weight: .5 oz (14 g)</p>
<p>50360-K Oven Insertion Probe</p>	<p>Temp. Range: -40° to 500°F (-40° to 260°C) Max Tip Temp: 500°F (260°C) Max Cable Temp: 600°F (316°C) Response Time: 2 seconds, liquid Unit Weight: 1 oz (28 g) Flexible Cable with Woven Stainless Steel Overbraid Can be left inserted in food product while cooking in an oven.</p>
<p>50361-K Armored Cable DuraNeedle Probe</p>	<p>Temp. Range: -40° to 400°F (-40° to 205°C) Max Tip/Handle/Cable Temp: 400°F (205°C) Response Time: 4 seconds, liquid Unit Weight: 6 oz (170 g) Flexible Armored Cable</p>