

### Digi-Sense® General-Purpose Thermocouple Probes with Miniconnector End

Probes with handles feature a strain relief spring that protects the cable connection against damage due to repeated flexing and tugging. ABS handles provide a lightweight design for ease of use along with durability. Feature color-coded ANSI miniconnectors: type J-black, type K-yellow, type T-blue, and type E-purple.



Type	Sheath material	Dimensions†	Temperature range °F (°C)††	Accuracy	Catalog number	Price	Photo
<b>Compact probes with PVC handle (grounded).</b> Use with liquids, gases, and semisolids.							
J	316 SS	Sheath: 4.5"L x 0.125" dia Handle: 1.5"L, Cable: 5-ft coiled cord. Miniconnector	-310 to 700 (-190 to 311)	±7.9°F (±4.4°C), or ±0.4% of rdg above 32°F (0°C); ±2.0% of rdg below 32°F (0°C)	<a href="#">GY-08439-60</a>		
K			-418 to 700 (-250 to 311)		<a href="#">GY-08439-62</a>		
T			-418 to 700 (-250 to 311)	±3.6°F (±2.0°C), or ±0.4% of rdg above 32°F (0°C); ±0.8% of rdg below 32°F (0°C)	<a href="#">GY-08439-64</a>		
<b>Compact PFA-coated probes with PVC handle (grounded).</b> Use with corrosive chemicals and strong acids.							
J	316 SS with PFA coating	Sheath: 4.5"L x 0.145" dia, Handle: 1.5"L, Cable: 5-ft coiled cord. Miniconnector	-310 to 400 (-190 to 204)	±7.9°F (±4.4°C), or ±0.4% of rdg above 32°F (0°C); ±2.0% of rdg below 32°F (0°C)	<a href="#">GY-08441-10</a>		
K			-418 to 400 (-250 to 204)		<a href="#">GY-08441-12</a>		
T			-418 to 400 (-250 to 204)	±3.6°F (±2.0°C), or ±0.4% of rdg above 32°F (0°C); ±0.8% of rdg below 32°F (0°C)	<a href="#">GY-08441-14</a>		
<b>Standard probes with ABS handle (grounded).</b> Use with liquids, gases, and semisolids.							
J	316 SS	Sheath: 5"L x 0.156" dia, Tip: 0.093" dia, Handle: 5.5"L, Cable: 5-ft coiled cord. Miniconnector	-310 to 1400 (-190 to 760)	±7.9°F (±4.4°C), or ±0.4% of rdg above 32°F (0°C); ±2.0% of rdg below 32°F (0°C)	<a href="#">GY-08517-55</a>		
K			-418 to 1650 (-250 to 899)		<a href="#">GY-08516-55</a>		
T			-418 to 752 (-250 to 400)	±3.6°F (±2.0°C), or ±0.4% of rdg above 32°F (0°C); ±0.8% of rdg below 32°F (0°C)	<a href="#">GY-08500-55</a>		
E			-418 to 1600 (-250 to 871)	±6.7°F (±3.7°C), or ±0.4% of rdg above 32°F (0°C); ±0.5% of rdg below 32°F (0°C)	<a href="#">GY-08512-55</a>		
<b>Extra-long stainless steel probes with ABS handle (grounded).</b> Use with liquids, gases and semisolids.							
J	316 SS	Sheath: 10"L x 0.188" dia, Tip: 0.5" dia, Handle: 5.5"L, Cable: 5-ft coiled cord. Miniconnector	-310 to 1400 (-190 to 760)	±7.9°F (±4.4°C), or ±0.4% of rdg above 32°F (0°C); ±2.0% of rdg below 32°F (0°C)	<a href="#">GY-93756-00</a>		
K			-418 to 1650 (-250 to 899)		<a href="#">GY-93756-20</a>		
T			-418 to 752 (-250 to 400)	±3.6°F (±2.0°C), or ±0.4% of rdg above 32°F (0°C); ±0.8% of rdg below 32°F (0°C)	<a href="#">GY-93756-40</a>		
<b>Extra-long PFA-coated probes with ABS handle (grounded).</b> Use with corrosive chemicals and strong acids.							
J	316 SS with PFA coating	Sheath: 10"L x 0.145" dia, Handle: 5.5"L, Cable: 5-ft coiled cord. Miniconnector	-310 to 400 (-190 to 204)	±7.9°F (±4.4°C), or ±0.4% of rdg above 32°F (0°C); ±2.0% of rdg below 32°F (0°C)	<a href="#">GY-93812-00</a>		
K			-418 to 400 (-250 to 204)		<a href="#">GY-93812-02</a>		
T			-418 to 400 (-250 to 204)	±3.6°F (±2.0°C), or ±0.4% of rdg above 32°F (0°C); ±0.8% of rdg below 32°F (0°C)	<a href="#">GY-93812-04</a>		
<b>Small-diameter probes with ABS handle (grounded).</b> Use with liquids, gases, and semisolids.							
J	316 SS	Sheath: 4"L x 0.063" dia, Handle: 5.5"L, Cable: 5-ft coiled cord. Miniconnector	-310 to 1300 (-190 to 704)	±7.9°F (±4.4°C), or ±0.4% of rdg above 32°F (0°C); ±2.0% of rdg below 32°F (0°C)	<a href="#">GY-08505-55</a>		
K			-418 to 1500 (-250 to 816)		<a href="#">GY-08505-56</a>		
T			-418 to 650 (-250 to 343)	±3.6°F (±2.0°C), or ±0.4% of rdg above 32°F (0°C); ±0.8% of rdg below 32°F (0°C)	<a href="#">GY-08505-57</a>		
<b>Stainless steel probes with stainless steel handle (grounded).</b> Designed for heavy duty, industrial, or food applications. Use with liquids, gases, and semisolids.							
J	316 SS	Sheath: 8"L x 0.125" dia, Handle: 4.5"L, Cable: 4-ft SS- armored cable. Miniconnector	-310 to 1400 (-190 to 760)	±5.9°F (±3.3°C), or ±0.4% of rdg above 32°F (0°C); ±2.0% of rdg below 32°F (0°C)	<a href="#">GY-93600-02</a>		
K			-418 to 1650 (-250 to 899)		<a href="#">GY-93600-22</a>		
T			-418 to 752 (-250 to 400)	±2.7°F (±1.5°C), or ±0.4% of rdg above 32°F (0°C); ±0.8% of rdg below 32°F (0°C)	<a href="#">GY-93600-42</a>		
<b>Small-diameter probes with miniature stainless steel handle (grounded).</b> Use with liquids, gases, and semisolids. Ideal for checking food temperatures.							
J	316 SS	Sheath: 8"L x 0.063" dia, Handle: 1.5"L, Cable: 5-ft coiled cord. Miniconnector	-310 to 1300 (-190 to 704)	±7.9°F (±4.4°C), or ±0.4% of rdg above 32°F (0°C); ±2.0% of rdg below 32°F (0°C)	<a href="#">GY-08505-61</a>		
K			-418 to 1500 (-250 to 816)		<a href="#">GY-08505-62</a>		
T			-418 to 650 (-250 to 343)	±3.6°F (±2.0°C), or ±0.4% of rdg above 32°F (0°C); ±0.8% of rdg below 32°F (0°C)	<a href="#">GY-08505-63</a>		
<b>Straight-shaft microprobes with miniature stainless steel handle (grounded).</b> Use with liquids, gases, and semisolids. Ideal for checking food temperatures							
J	316 SS	Sheath: 4"L x 0.063" dia, Tip: 0.020" dia, Handle: 1.5"L, Cable: 4-ft FEP-insulated. Miniconnector	-310 to 750 (-190 to 399)	±5.9°F (±3.3°C), or ±0.4% of rdg above 32°F (0°C); ±2.0% of rdg below 32°F (0°C)	<a href="#">GY-08116-60</a>		
K			-418 to 800 (-250 to 427)		<a href="#">GY-08117-60</a>		
T			-418 to 450 (-250 to 232)	±2.7°F (±1.5°C), or ±0.4% of rdg above 32°F (0°C); ±0.8% of rdg below 32°F (0°C)	<a href="#">GY-08113-60</a>		

†Temperature range is for the probe tip only. The handle material may be affected if the probe is rated higher than the handle depending on exposure time, application, and handle material. ABS handles are rated to 220°F (104°C); PVC handles are rated to 200°F (93°C); Stainless steel handles are rated to 450°F (232°C).

†Overall probe sheath lengths may vary up to ±0.25".