## Thermocouple Probes

## DIGITAL THERMOMETERS AND PROBES

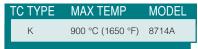
**Wire Thermocouple Probes:** For gas, surface or liquid measurements These 3-ft. long probes have fiberglass-insulated, 24-ga. wires welded at the tips. (6-ft. long/8712-6). Time constant: 1 second. Accuracy: ± 2.2 °C or ± 0.75 %

TC TYPE	MAX TEMP	MODEL
K K	480 °C (900 °F) 480 °C (900 °F)	

**General Purpose Probes:** For measuring liquids, gases, or small-area surfaces. Sheath: 304 SS. 3-ft. vinyl-clad straight cord. Time constant: 1 second. Accuracy:  $\pm 2.2$  °C or  $\pm 0.75$  %

K 900 °C (1650 °F) 8713 J 760 °C (1400 °F) 8723	TC TYPE	MAX TEMP	MODEL
	K J	` /	

**Penetration Probes:** Ideal for measurement of meats, plastics, and other semi-soft materials. Sheath: 304 SS.  $1^1/_2$ -ft. (ext. 5-ft.) coil cord with Thermoplastic Rubber jackets. Time constant: 2 second. Accuracy:  $\pm$  2.2 °C or  $\pm$  0.75 %



**Surface Probes:** For monitoring hot plates, furnaces, molds and other hot solid surfaces. Exposed thermocouple junction provides quick response upon direct contact. Sheath: 304 SS. 3-ft. vinyl-clad straight cord. Time constant: 3 second. Accuracy:  $\pm$  2.2 °C or  $\pm$  0.75 %

K 400	°C (750 °F)	8715

**Air/Gas Probes:** For measuring atmospheres in hoods, ducts and vents. Perforation pattern in shield is designed to prevent radiation-induced tip heating so air/gas temperature measurements are more accurate. Sheath: 304 SS. 3-ft. straight cord. Time constant: 3 second. Accuracy:  $\pm$  2.2 °C or  $\pm$  0.75 %





**Compact General Purpose/Immersion Probes:** Multi-purpose, for measuring air, liquids, soft materials, e.g., water, ice cream, etc. Sheath: 316 SS. TPR coil cord  $1^1/_2$ -ft (ext. 5-ft.). Time constant: 1 second. Accuracy:

TC TYPE	MAX TEMP	MODEL
K	200 °C (390 °F)	8733
T	200 °C (390 °F)	8753

**8733** ± 2.2 °C or ± 0.75 % **8753** ± 1.0 °C or ± 0.75 %

**Compact Penetration Probes:** For measuring semi-soft materials within a restricted temperature range. Sheath: 316 SS. TPR coil cord  $1^1/_2$ -ft (ext. 5-ft). Time constant: 1 second. Accuracy:  $\pm$  2.2 °C or  $\pm$  0.75 %

TC TYPE	MAX TEMP	MODEL
K	200 °C (390 °F)	8734

