

## DATA SHEET

**KP09 HEAVY DUTY TYPE 'K' OVEN NEEDLE PROBE****Needle Probes - 6.0 mm Type 'K'**Description

This probe uses a stainless steel probe and handle construction with stainless steel braided cable enabling it to measure product temperature within the oven.

Construction

Needle Probe 6.0mm Diameter by 130mm Long : Stainless Steel 316 (Food Grade)  
 Stainless Steel Handle 8.0mm by 60mm Long : Stainless Steel 316 (Food Grade)  
 2M stainless steel braided cable which is terminated with a thermocouple mini plug

➤ **HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT**

Type 'K' Thermocouple : Class I ( $\pm 1.5^{\circ}\text{C} \pm 0.25\%$ )

- **WIDE AMBIENT TEMPERATURE SPECIFICATION** : -100 TO 400 °C (excluding plug)
- **TIME RESPONSE** (*96% of value in water*) : 7.0 Secs
- **MEASUREMENT RANGE** : -100 TO 400 °C

Cross-reference for compatible instruments

Suitable instruments for use with this probe (requires connection plug)

TME PART No	DESCRIPTION	APPLICATION
MM2000	SINGLE INPUT INSTRUMENT	HIGH ACCURACY TEMPERATURE MEASUREMENT
MM2010	MAX / MIN HOLD INSTRUMENT	HIGH ACCURACY INSTRUMENT WITH MAX, MIN AND HOLD FEATURES
MM2020	DIFFERENTIAL INSTRUMENT	DUAL INPUT INSTRUMENT FOR DIFFERENTIAL MEASUREMENTS
MM2030	THERMOCOUPLE SIMULATOR	HIGH ACCURACY SIMULATOR WITH MEASUREMENT FACILITY