

## DATA SHEET

### KP12 T-BAR HEAVY DUTY OVEN NEEDLE PROBE TYPE 'T'

#### HEAVY DUTY PROBE - Type 'K'

##### Description

This probe uses a T- bar handle at right angles to the sensor stem to allow the user ease of penetration of the sensor into the product. The needle, handle and cable of the probe are stainless steel enabling it to measure product temperature within the oven

##### Construction

Needle Probe 6.0mm Diameter by 130mm 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 (±1.5°C ±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