

## DATA SHEET

### TP09 HEAVY DUTY TYPE 'T' OVEN NEEDLE PROBE

#### Needle Probes - 6.0 mm Type 'T'

##### 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 'T' Thermocouple : ½ Class I (±0.25°C ±0.15%)

- **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

TME PART No	DESCRIPTION	APPLICATION
MM2000	SINGLE INPUT INSTRUMENT	HIGH ACCURACY TEMPERATURE MEASUREMENT
MM2005	INSTRUMENT WITH HOLD	HIGH ACCURACY INSTRUMENT WITH HOLD FUNCTION
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
MM7000-2D	BARCODE SCANNING INSTRUMENT	HIGH ACCURACY INSTRUMENT WITH BARCODE SCANNING FACILITY
MM7005-2D	BARCODE INSTRUMENT USB	BARCODE SCANNING INSTRUMENT WITH USB INTERFACE
MM7010-2D	LOGGING INSTRUMENT	DATA LOGGING INSTRUMENT WITH BLUETOOTH CONNECTION