

## DATA SHEET

### TFS01 TYPE 'T' FOOD SIMULANT PROBE

#### Food Simulant Probe - 100mm x 100mm x 10mm Type 'T'

##### Description

A Nylon block type probe with internal thermocouple sensor which is designed to simulate the core temperature of surrounding food stuffs within a cold storage environment.

##### Construction

A 100mm x 100mm x 10mm Nylon block probe with internal thermocouple sensor and mini connection socket housed within the body of the probe.

##### **Sensor Features**

- **TOTAL ENCAPSULATION TECHNIQUE FOR MAXIMUM STRENGTH AND DURABILITY.**  
Offering high resistance to excess heat and greater protection from damage
- **SPLASH-PROOF DESIGN**  
Splash-proof design enables the probe to be easily wiped clean for hygiene purposes
- **LONG RESPONSE TIME**  
Ideal for long term temperature measurement
- **HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT**  
Type 'T' Thermocouple : ½ Class I (±0.25°C ±0.15%)
- **WIDE AMBIENT TEMPERATURE SPECIFICATION** : -50 TO 150 °C
- **TIME RESPONSE (96% of value in water)** : 20 mins
- **MEASUREMENT RANGE** : -50 TO 150 °C

##### Cross-reference for compatible instruments

Suitable instruments for use with this probe (requires connection cable ref. TFS01C)

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	LOGGING INSTRUMENT	DATA LOGGING INSTRUMENT WITH BLUETOOTH CONNECTION