

## MODEL MM-COMBI Thermometer

### COST EFFECTIVE SOLUTION TO HIGH ACCURACY MEASUREMENT

Two best selling products from TM Electronics – the MM2000 Waterproof Thermometer and the TP05 needle probe are now combined in one unit.

The MM-COMBI is an easy to use handheld thermometer, which is ideal for a wide range of applications – particularly repeat temperature recordings where accuracy and speed are important. The integral sensor is a general purpose needle probe for use wherever penetration of semi-solid product is required – eg cooked/chilled foods.

#### ADVANTAGES

High accuracy  
Waterproof  
Simple point-and-probe action  
No trailing wires  
No plug-in connection  
Battery powered  
Food-safe

#### THERMOMETER FEATURES

- Waterproof case
- °C/°F selectable
- Very high accuracy  $\pm 0.2^{\circ}\text{C} \pm 0.15\%$  of reading
- Wide operating range  $-30$  to  $40^{\circ}\text{C}$
- 2 year warranty
- Microprocessor driven
- Ergonomic and robust case
- Excellent long term stability
- Supplied complete with shock resistant holster
- Conforms to food hygiene regulations for  $0.5^{\circ}\text{C}$  accuracy between  $0^{\circ}\text{C}$  and  $5^{\circ}\text{C}$

#### PROBE FEATURES

- Waterproof assembly
- Encapsulated solid handles
- High accuracy  $\pm 0.25^{\circ}\text{C}$  (type T)
- Food grade stainless steel

#### SYSTEM FEATURES

- System Accuracy of  $\pm 0.5^{\circ}\text{C}$  over critical food temperature range
- Cost effective solution for compliance with HACCP

#### ACCESSORIES

- Probe Wipes
- Temperature record book
- Wall mount holder

**SPECIFICATION**

**For MM-COMBI Thermometer**

**Environmental**

AMBIENT OPERATING RANGE : -30 to 50 °C  
 STORAGE TEMPERATURE RANGE : -40 to 50 °C  
 HUMIDITY : 0 to 70% R.H.

**Electrical**

SENSOR TYPE : T  
 MEASUREMENT RANGE : -100 to 400°C  
 ACCURACY @ 23 °C : ±0.2°C ±0.15% of reading  
 COLD JUNCTION COMPENSATION : 0.075°C/°C  
 CHARACTERISIC ERRORS : Less than 0.05°C  
 TEMPERATURE COEFFICIENT : 0.01% of reading /°C  
 RESOLUTION : 0.1° to 1° above 1000° (auto ranging)

**General**

BATTERY : PP3 9V I.E.C. 6F22  
 BATTERY LIFE (INTERMITTENT USE) : GREATER THAN 200 HOURS (ALKALINE)  
 WEIGHT : 155 gms  
 DIMENSIONS : 130 X 70 X 33 mm

**ORDER CODE            MM-COMBI**