

MODEL MMCOMBI Thermometer

COST EFFECTIVE SOLUTION TO HIGH ACCURACY MEASUREMENT

Two best selling products from TM Electronics – the MM2000 Thermometer and a straight-cabled version of the TP05 needle probe are now combined in one unit.

The MMCOMBI 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
Splash-proof
Simple point-and-probe action
No trailing wires
No plug-in connection
Battery powered
Food-safe

THERMOMETER FEATURES

- **Splash-proof case**
- **°C/°F selectable**
- **Very high accuracy $\pm 0.2^{\circ}\text{C} \pm 0.15\%$ of reading**
- **Wide operating range -30 to 50°C**
- **2 year warranty**
- **Microprocessor driven**
- **Ergonomic and robust case**
- **Excellent long term stability**
- **Conforms to food hygiene regulations for 0.5°C accuracy between 0°C and 5°C**

PROBE FEATURES

- **Waterproof assembly**
- **Encapsulated solid handles**
- **High accuracy $\pm 0.25^{\circ}\text{C}$ (type T)**
- **Food grade stainless steel**
- **1m length cable**

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 MMCOMBI 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 : $\pm 0.2^{\circ}\text{C} \pm 0.15\%$ of reading
COLD JUNCTION COMPENSATION : $0.075^{\circ}\text{C}/^{\circ}\text{C}$
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 **MMCOMBI**