

2000 RANGE

Handheld Thermometer

Economical. Reliable. Durable.

The MM2000 series of handheld thermometers are easy to use, practical and affordable instruments for a wide range of food applications such as farming, food manufacturing, food service, catering and in supermarkets and restaurants. All instruments are microprocessor driven and offer the benefit of interchangeable probes. This provides exceptionally high accuracy and long term temperature measurement.

The MM2000 range is designed to be waterproof to IP67 standards and all units are supplied complete with a shock resistant holster.

Product Features

- Quick and easy to use
- User configurable auto switch off capability
- Over range / Open circuit sensor indication
- Low battery indication
- Self-calibrating

Benefits

- Reduces the risk of potentially exposing contaminated produce to consumers
- Assists with HACCP compliance requirements
- Reduces wastage costs
- Protects company reputation



MM2000

The MM2000 is an easy to use, high accuracy, low cost single input general purpose thermocouple thermometer.

SPECIFICATIONS

Instrument:

Dimensions	130 x 70 x 33 mm
Weight	155 grams
Power Supply:	PP3 9V I.E.C 6F22 battery
Battery Life:	Greater than 200 hours (Alkaline)
Case Material:	ABS Plastic

Environmental:

Ambient Operating Range:	-30°C to +50°C
Storage Temperature Range:	-40°C to +50°C
Humidity:	0 to 70% R.H
Temperature Scales	°C / °F

Electrical:

Measurement Range:	-200°C to +1372°C dependant on probe
Accuracy @23°C:	±0.1% of reading ±0.2°C
Cold Junction Compensation:	0.0075°C/°C
Characteristic Errors:	Less than 0.05°C
Temperature Coefficient:	0.01% of reading /°C
Resolution:	0.1°C to 1000, 1° above 1000°

Probes that are available with this unit are listed on page 3



MM2010

The MM2010 is a versatile microprocessor based thermocouple thermometer. The dual display instrument is high quality and highly accurate which offers max, min and hold functions /measurements.

SPECIFICATIONS

Instrument:

Dimensions:	130 x 70 x 33 mm
Weight:	155 grams
Power Supply:	PP3 9V I.E.C 6F22 battery
Battery Life:	Greater than 200 hours (Alkaline)
Case Material:	ABS Plastic

Environmental:

Ambient Operating Range:	-30°C to +50°C
Storage Temperature Range:	-40°C to +50°C
Humidity:	0 to 70% R.H
Temperature Scales:	°C / °F / °A

Electrical:

Measurement Range:	-200°C to +1372°C dependant on probe
Accuracy @23°C:	± 0.1% of reading ±0.2°C
Cold Junction Compensation:	0.0075°C/°C
Characteristic Errors:	Less than 0.05°C
Temperature Coefficient:	0.01% of reading /°C
Resolution:	0.1° to 1000, 1° above 1000°

Probes that are available with this unit are listed on page 3



MM2030

The MM2030 thermocouple thermometer / simulator is a high accuracy instrument that is designed to simulate known temperature as a cross-check on other instruments calibration accuracy.

SPECIFICATIONS

Instrument:

Dimensions	130 x 70 x 33 mm
Weight	155 grams
Power Supply:	PP3 9V I.E.C 6F22 battery
Battery Life:	Greater than 100 hours (Alkaline)
Case Material:	ABS Plastic

Environmental:

Ambient Operating Range:	-30°C to +50°C
Storage Temperature Range:	-40°C to +50°C
Humidity:	0 to 70% R.H
Temperature Scales:	°C / °F / °A

Electrical:

Measurement Range:	-200°C to +1372°C dependant on probe
Accuracy @23°C:	± 0.1% of reading ±0.2°C
Cold Junction Compensation:	0.0075°C/°C
Characteristic Errors:	Less than 0.05°C
Temperature Coefficient:	0.01% of reading /°C
Resolution:	0.1° to 1000, 1° above 1000°

Probes that are available with this unit are listed on page 3

Disclaimer: The information contained herein is believed to be reliable. The IMC Group Ltd is not responsible for any incorrect or incomplete information on this datasheet and the information or product may be changed without notice. Customers should obtain and verify the latest relevant information before placing orders for IMC products.

Version 1



TS01-S – DUAL SURFACE / IMMERSION PROBE

Temperature Measurement Range: -50°C to +250°C

Features:

- Ribbon band sensor with thermocouple sensor attached and draught shield
- 10mm diameter by 110mm long
- Stainless Steel 316 (Food Grade)
- 2M curly polyurethane cable with moulded connector
- Waterproof and dishwasher safe
- 2 in 1 probe used for surface temperatures and used immersed to take liquid temperatures
- Fast response



TFS01 – FOOD SIMULANT PROBE

Temperature Measurement Range: -50°C to +150°C

Features:

- 100mm x 100mm x10mm Nylon block probe with internal thermocouple sensor
- Mini connection socket housed within body of probe
- Splash-proof
- Ideal for long term temperature measurement



TP05 – GENERAL PURPOSE NEEDLE PROBE

Temperature Measurement Range: -100°C to +280°C

Features:

- 3.3mm diameter by 100mm long
- Stainless Steel 316 (Food Grade)
- 2M curly polyurethane cable with moulded connector
- Waterproof and dishwasher safe
- Designed for cooked/chilled products, or any semi solid material
- Includes *ThermaSprint* technology.



TP07 – HEAVY DUTY NEEDLE PROBE

Temperature Measurement Range: -100°C to +280°C

Features:

- 6.0mm diameter by 100mm long
- Stainless Steel 316 (Food Grade)
- 2M curly polyurethane cable with moulded connector
- Waterproof and dishwasher safe
- Designed for measurement of semi-solid or solid materials
- Pencil point tip
- Includes *ThermaSprint* technology.



TP10 – FINE NEEDLE SMALL HANDLE FOR SOUS VIDE COOKING

Temperature Measurement Range: -100°C to +280°C

Features:

- 1.5mm diameter by 70mm long
- Stainless Steel 316 (Food Grade)
- 1M straight PTFE cable with moulded connector
- Waterproof and dishwasher safe
- Designed for minimal damage to vacuum pack
- Fast response
- Includes *ThermaSprint* technology.



TA12 – FAST RESPONSE FLAT FOOD PROBE

Temperature Measurement Range: -50°C to +300°C

Features:

- 110mm long with 90mm x 5mm flat
- Stainless Steel 316 (Food Grade)
- 2M curly polyurethane cable with moulded connector.
- Waterproof and dishwasher safe
- Designed for measuring temperature between boxes
- Ideal for air and liquid measurement

Other probes options available upon request

For speed and strength choose *ThermaSprint* technology

ThermaSprint technology allows the sensing element of the probe to become an integral part of the needle, producing a fantastic 3 second response time combined with the strength of IMC's robust encapsulated handle design.

Up to 10 times faster than conventional probes!