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

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°

MM2000

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

Probes that are available with this unit are listed on page 3 & 4

Intelligent monitoring and control solutions:
In Buildings | In Transit | Outdoor/Remote

The IMC Group Ltd. Pendle House, Jubilee Road, Letchworth, Hertfordshire SG6 1SP
Tel: +44 (0)1462 688070 | Email: sales@the-imcgroup.com | Visit: www.the-imcgroup.com

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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 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 & 4

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.

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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
- Type 'T' Thermocouple accuracy: ½ Class I (±0.2 5°C ±0.15%)

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
- Type 'T' Thermocouple accuracy: ½ Class I (±0.2 5°C ±0.15%)

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.
- Type 'T' Thermocouple accuracy: ½ Class I (±0.2 5°C ±0.15%)

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.
- Type 'T' Thermocouple accuracy: ½ Class I (±0.2 5°C ±0.15%)

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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.
- Type 'T' Thermocouple accuracy: ½ Class I (±0.2 5°C ±0.15%)

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
- Type 'T' Thermocouple accuracy: ½ Class I (±0.2 5°C ±0.15%)

TP01 – FROZEN FOOD / CORKSCREW PROBE

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

Features:
- Corkscrew probe for penetrating frozen food with minimal damage
- 6mm diameter by 150mm long
- Stainless Steel corkscrew sensor stem
- Sensor welded to tip of probe
- Detachable 2M curly Polyurethane cable
- Fast response
- Type 'T' Thermocouple accuracy: ½ Class I (±0.2 5°C ±0.15%)

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!

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