

# MM7000

## ThermoBarScan

*Economical. Reliable. Durable.*

The MM7000 ThermoBarScan is a handheld logging thermometer with integral barcode scanner and Bluetooth capabilities. Ideal for a wide range of applications, the barcode scanner records product location/identity plus time, date and temperature and the Bluetooth communication transmits the data to a PC, mobile phone or PDA for easy portable temperature logging.

### Product Features

- Integral barcode reader
- Built in Bluetooth communications
- Logs up to 1000 times and dates temperature records
- Supplied complete with PC software
- Low battery indication
- °C/°F selectable
- User configurable Auto Switch Off capability
- Over range / Open circuit sensor indication
- Can be used with all available probes
- Infrared sensor compatibility

### Benefits

- Reduces the risk of potentially exposing contaminated produce to consumers
- Assists with HACCP compliance requirements
- Automatically logs data using Bluetooth communication to reduce manual errors
- Reduces wastage costs
- Protects company reputation



### THE MM7000 comes complete with DISCOVERY SOFTWARE



### You may also be interested in:

#### MMPRINT - BLUETOOTH PRINTER WITH BELT/WALLMOUNT BRACKET

Compact 35mm Printer with Bluetooth Interface

#### Comes complete with:

- Universal Trickle Charger
- 2 x 35mm print rolls
- Primary cell cradle
- Wall/Belt Mounting Kit
- Data Cable



\*Infrared variable available on request

Probes that are available with this unit are listed on page 2 & 3

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Version 3

## SPECIFICATIONS

### Instrument:

Dimensions:	160 x 50 x 30 mm
Weight:	200 grams
Power Supply:	PP3 9V I.E.C 6F22 battery
Battery Life:	Greater than 200 hours (Alkaline)
Case Material:	ABS Plastic (splashproof)

### Environmental:

Ambient Operating Range:	0°C to +50°C
Storage Temperature Range:	-20°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° to 1000, 1° above 1000

### Barcode:

Readable Barcodes:	All UPC/EAN/JAN Codes EAN28 Codes Code39 Code128
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### Bluetooth:

Class:	Class 1
Contains:	FCC Id: S22btmodule-C11



### 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 ( $\pm 0.2\ 5^{\circ}\text{C} \pm 0.15\%$ )



### TFS01 – FOOD SIMULANT PROBE

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

**Features:**

- 100mm x 100mm x 10mm 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 ( $\pm 0.2\ 5^{\circ}\text{C} \pm 0.15\%$ )



### 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 ( $\pm 0.2\ 5^{\circ}\text{C} \pm 0.15\%$ )



### 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 ( $\pm 0.2\ 5^{\circ}\text{C} \pm 0.15\%$ )

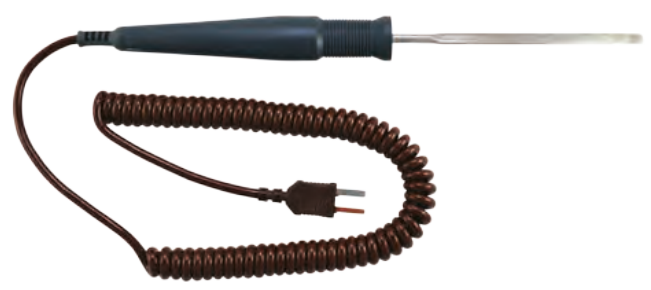


### TP10 – FINE NEEDLE SMALL HANDLE FOR SOUS VIDE COOKING

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 ( $\pm 0.2\ 5^{\circ}\text{C} \pm 0.15\%$ )



### 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 ( $\pm 0.2\ 5^{\circ}\text{C} \pm 0.15\%$ )



### 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 ( $\pm 0.2\ 5^{\circ}\text{C} \pm 0.15\%$ )

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!