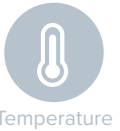


HM007 thermometer

Handheld Series



The HM007 thermometer has integral barcode scanner and Bluetooth capabilities. The scanner records product location/ID plus time, date and temperature and Bluetooth transmits the data to a PC, mobile phone or PDA for easy portable temperature logging.

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

Typical Applications

- Food manufacturing
- Food storage
- Catering/Food service



Product code: HM007

Instrumentation specification

Dimension (Excl. ancillaries)	160 x 50 x 30 mm
Weight	200 grams
Power supply	PP3 9V I.E.C 6F22 battery
Case material	ABS plastic
Battery life	Greater than 200 hours (Alkaline)

Electrical

Measurement range	-200°C to 1372°C (dependant on probe)
Accuracy @ 23°C	+/- 1% of reading +/- 0.2°C
Cold junction compensation	0.0075°C/°C
Characteristic errors	< 0.05°C
Temperature Coefficient	0.01% of reading/ °C
Resolution	0.1° to 1° above 1000°C (autoranging)

Environmental

Ambient Operating range	0°C to 50°C
Storage temperature range	-20°C to 50°C
Humidity	0 to 70% RH
Temperature scales	°C or °F

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

Accessories

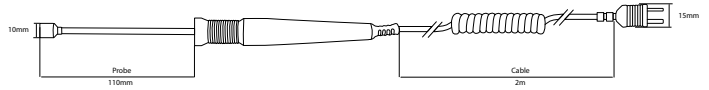
HP01-S	Dual surface / immersion probe
HPS01	Food simulant probe
HP05	General purpose needle probe
HP07	Heavy duty needle probe



Probe options (supplied separately)

HP01-S Dual surface /immersion probe

Operating range	-50°C to +250°C
Accuracy	Type T Thermocouple 1/2 Class I (+/-0.2 5°C +/- 0.15%)
Size	10mm diameter by 110mm long

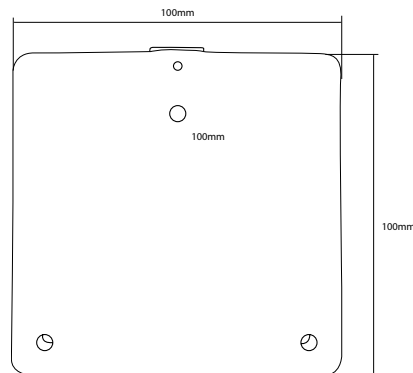


Features:

- Ribbon band sensor with thermocouple sensor attached and draught shield
- 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

HPS01 Food simulant probe

Operating range	-50°C to +150°C
Accuracy	Type T Thermocouple 1/2 Class I (+/-0.2 5°C +/- 0.15%)
Size	100 x 100 x 100mm Nylon block probe with internal thermocouple sensor

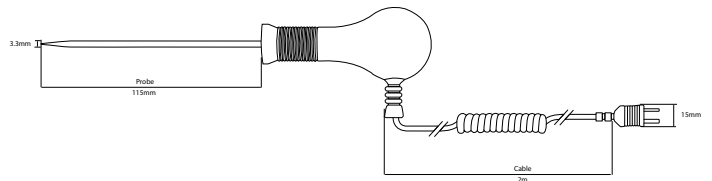


Features:

- Mini connection socket housed within body of probe
- Splash-proof
- Ideal for long term temperature measurement

HP05 General purpose needle probe

Operating range	-100°C to +280°C
Accuracy	Type T Thermocouple 1/2 Class I (+/-0.2 5°C +/- 0.15%)
Size	3.3 mm diameter by 100mm long



Features:

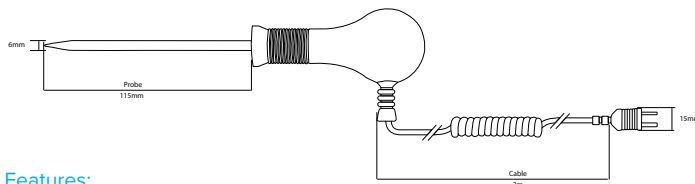
- Stainless steel 316 (Food grade)
- 2M curly polyurethane cable with moulded connector
- Waterproof and dishwasher safe
- Designed for cooked/chilled products, or any semi solid state material
- Includes Thermo sprint technology



Probe options (supplied separately)

HP07 Heavy duty needle probe

Operating range	-100°C to +280°C
Accuracy	Type T Thermocouple 1/2 Class I (+/-0.2 5°C +/- 0.15%)
Size	6.0 mm diameter by 100mm long



Features:

- 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 Thermo Sprint technology

