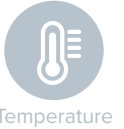


HM002 thermometer

Handheld Series



Part of the Hanwell handheld series, the HM002 is an easy to use, high accuracy, low cost single input general purpose thermocouple thermometer. All instruments are microprocessor driven and offer the benefit of interchangeable probes.

Features

- ✓ Quick and easy to use
- ✓ Low cost single input general purpose thermocouple thermometer
- ✓ User configurable auto switch off capability
- ✓ Over range / Open circuit sensor indication
- ✓ Low battery indication
- ✓ Self-calibrating

Typical Applications

- Food manufacturing
- Food storage
- Catering/Food service



Product code: HM002

Instrumentation specification	
Dimension (Excl. ancillaries)	130 x 70 x 33 mm
Weight	155 grams
Power supply	PP3 9V I.E.C 6F22 battery
Case material	ABS plastic
Battery life	Greater than 200 hours (Alkaline)
IP Rating	IP67

Electrical	
Measurement range	-200°C to 1372°C (dependant on probe)
Accuracy @ 23°C	+/- 0.2°C +/-0.15% of reading
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	-30°C to 50°C
Storage temperature range	-40°C to 50°C
Humidity	0 to 70% RH
Temperature scales	°C or °F

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

Manufactured by Hanwell | Ellab   RoHS

Version 2 - EC190194

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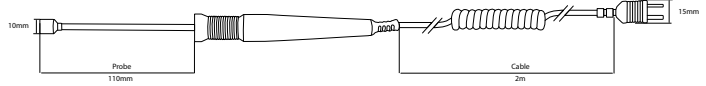
hanwell.com

Tel: +44 (0)1462 688070 | Email: sales@hanwell.com

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

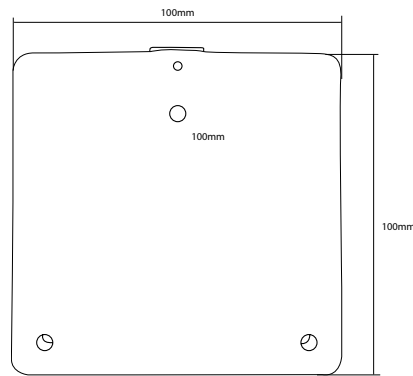


Features:

- 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

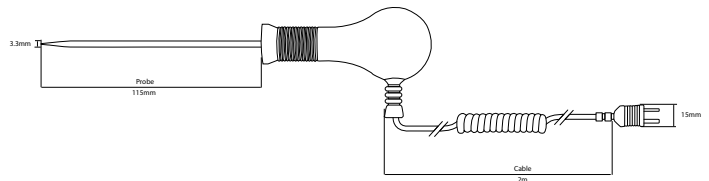


Features:

- 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



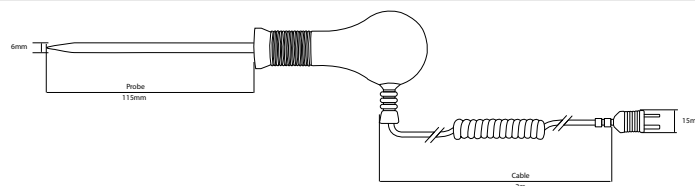
Features:

- 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 Therma Sprint technology