Thermapen® IR

infrared thermometer with foldaway probe

Rotoherm
the temperature experts

- High accuracy – ideal for HACCP use
- Patented, automatic 360° rotational display
- Adjustable emissivity for different surfaces
- Motion-sensing sleep mode - probe only
- FREE traceable certificate of calibration

The new Thermapen IR is two instruments in one compact unit, combining the advanced technology of two ETI designed and manufactured products, the RayTemp 2 Plus infrared thermometer and Thermapen Professional thermometer.
Housed in a robust ABS case containing 'Biomaster Antimicrobial Technology that reduces bacterial growth, the Thermapen IR incorporates a motion-sensing sleep mode (penetration probe only) which automatically turns the instrument on/off when set down or picked up, maximising battery life.

Infrared thermometer

Simply aim the infrared thermometer at the target and press the scan button to display the surface temperature. **Please Note:** the infrared non-contact function will only measure when the probe is in the closed position.
The Thermapen IR thermometer incorporates a max/min temperature function accessed via the mode button (IR only). The distance to target ratio is 5:1, therefore the thermometer should be positioned as close to the target as possible. The default emissivity is 0.95 but can be adjusted between 0.1 and 1, if required via the mode button.

Penetration probe

Alternatively, it is possible to take liquid or semi-solid product core temperatures using the fast response, stainless steel penetration probe (Ø3.3 x 110 mm). Displaying the temperature in just 3 seconds The probe conveniently folds back through 180° into the side of the instrument when not in use

Order Code	Description
228-065	Thermapen IR
830-480	Protective Silicone boot
830-001	Zip pouch
832-002	S/Steel wall bracket

Order Code	Description
Range Infrared	-49.9 to 349.9°C
Range Probe	-49.9 to 299.9°C
Resolution	0.1 °C or 1 °C/F - user selectable
Accuracy Infrared	±1°C (0 to 100°C) otherwise ±2°C or ±2% of reading whichever is greater
Accuracy Probe	±0.4°C (-49.9 to 199.9°C) otherwise ±1°C
Field of view	Target Ratio 5:1
Emissivity	0.95 default – adjustable 0.1 to 1
Battery	2 x 3 volt CR2032 lithium coin cell
Battery Life	1000 hours – continuous use
Display	*12mm (horizontal) & 10mm (vertical) LCD*
Dimensions	19 x 50 x 157 mm
Weight	125 grams
FREE traceable certificate of calibration included (probe & IR	

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