

# THERMAPEN® IR THERMOMETER

- High accuracy - ideal for HACCP procedures
- Patented, automatic 360° rotational display
- Adjustable emissivity for different surfaces
- Motion-sensing sleep mode - probe only

The 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 the core temperature of semi-solid food products 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.



Stainless steel wall bracket (832-002)

INFRARED



UK Patent No. GB 2504936



| Specification       | Thermapen IR  |
|---------------------|---|
| Range - infrared    | -49.9 to 349.9 °C   |
| Range - probe       | -49.9 to 299.9 °C   |
| Resolution          | 0.1 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             | 12 mm (horizontal) & 10 mm (vertical) LCD                                   |
| Dimensions          | 19 x 50 x 157 mm  |
| Weight              | 125 grams   |

**FREE traceable certificate of calibration included (probe & IR)**

| Order code | Description                  |
|------------|------------------------------|
| 228-065    | Thermapen IR                 |
| 830-480    | Protective silicone boot     |
| 830-001    | Zip pouch                    |
| 832-002    | Stainless steel wall bracket |
| 830-485    | Silicone boot - glow in dark |