

REFERENCE THERMAPEN® THERMOMETER



- High accuracy with 0.01 °C resolution
- 5-point UKAS Certificate of Calibration included
- Compact & lightweight to use
- One-handed operation

The Reference Thermapen thermometer is a high accuracy PT100 instrument that is supplied with a five-point UKAS Certificate of Calibration. Each certificate indicates deviations from standards at various check points: -18, 0, 40, 70 and 100 °C. Special points may be certified by arrangement with our UKAS calibration laboratory.

The Reference Thermapen thermometer is ideal for comparison checking of the accuracy of other thermometers and probes, when used in conjunction with a stable temperature heat or chill source, see opposite. The instrument measures temperature over the range of -69.99 to 199.99 °C with a resolution of 0.01 °C and an accuracy of ±0.07 °C.

The thermometer will power off automatically after ten minutes, maximising battery life. This feature can be disabled if not required. Both low battery (icon) and open circuit indication are displayed, when applicable. Each Reference Thermapen is powered by two lithium coin cell batteries with a minimum life expectancy of 1000 hours.

The Reference Thermapen incorporates a stainless steel, penetration probe (Ø3.3 x 108 mm) that conveniently folds back through 180° into the side of the instrument when not in use.



Supplied in a zip pouch with belt strap



CALIBRATION EQUIPMENT



- **Stainless steel wall bracket (832-002)**
Stores the Reference Thermapen safely when not in use. Keyhole slot for hanging (screws not supplied) Measures 27 x 58 x 115 mm



Order code	Description
222-213	Reference Thermapen
830-260	Protective silicone boot
830-265	Silicone boot - glow in dark
830-110	Protective wallet
832-002	S/steel wall bracket

The Thermapen is supplied in a zip pouch (830-001)

OPTIONAL ACCESSORIES:

- Glow-in-the-dark silicone boot with magnets (830-265)
- Protective PVC wallet with belt strap (830-110)
- Protect your instrument against high temperatures and accidental damage by fitting a protective silicone boot (830-260)



Specification	Reference Thermapen
Range	-69.99 to 199.99 °C
Resolution	0.01 °C
Accuracy	±0.07 °C (-30 to 149.99 °C) otherwise ±0.2 °C
Battery	2 x 3 volt CR2032 lithium coin cell
Battery life	1000 hours
Sensor type	PT100
Display	12 mm LCD
Dimensions	19 x 47 x 153 mm
Weight	97 grams

UKAS Certificate of Calibration included