Reference Thermapen™
0.01 °C resolution, high accuracy thermometer

UKAS CALIBRATION 0601

- 5-point UKAS Certificate of Calibration included
- ideal for calibration comparison checks
- auto-power on/off facility
- one-handed operation

The Reference Thermapen thermometer is a high accuracy PT100 instrument that is supplied with a 5-point UKAS Certificate of Calibration. Each certificate indicates deviations from standards at various check points: -18, 0, 40, 70 and 100 °C. Special ranges may be certified by arrangement with our UKAS calibration laboratory.

The Reference Thermapen thermometer is ideal for comparison checking the calibration and 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, liquid/penetration probe Ø3.3 x 108 mm, that conveniently folds back through 180 degrees into the side of the instrument when not in use.

CERTIFICATE OF CALIBRATION

- supplied in a zip pouch with belt strap

optional accessories

- protective PVC wallet with belt strap *(830-110)*
- protective silicone boot *(830-260)*
- NEW glow in the dark protective silicone boot with magnets *(830-265)*

°C   AUTO OFF   UKAS

order code	description
222-213	Reference Thermapen
830-260	protective silicone boot
830-265	silicone boot - glow in dark
830-110	protective wallet
832-200	wall bracket
Thermapen is supplied in a zip pouch (830-001)	

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
a UKAS Certificate of Calibration is included	

THERMOLAB