INSTRUMENT RECORD CARD

	model	order code
☐	Precision	222-053
☐	Precision Plus	222-051
☐	Reference	222-055
☐	Reference Plus	222-063

0 °C	100 °C	

serial no. _____

calibrated by _____ date _____

This instrument has been checked or calibrated against reference instrument(s) calibrated by a UKAS Accredited Calibration Laboratory.

PT100 to BS EN 60751

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Precision & Reference Thermometers

Operating Instructions

INSTRUMENT OPERATION - Connect a probe via the socket located on the top of the instrument (where applicable). Screw the collar of the plug, finger-tight to ensure a secure connection (do not over tighten). The instrument is switched on by pressing the ON/OFF button. Apply the tip of the probe to the substance, medium or surface to be measured. The instrument reading may take a few seconds to stabilise, depending on the nature of the measurement and sensitivity of the probe.

HOLD - Press the HOLD button to freeze the display. Press again to continue measuring.

MAX/MIN - Press the MAX/MIN button to display the values. The instrument retains the max/min values when switched off. To reset, press the MAX/MIN button for three seconds, 'rst' will be displayed.

AUTO-OFF - The unit will switch off automatically after 10 minutes. To disable auto off press the HOLD button whilst switching on the instrument (this is reset when the instrument is switched off).

TRIM - PRECISION, PRECISION PLUS & REFERENCE PLUS ONLY - Press the MAX/MIN and ON/OFF buttons at start-up for five seconds to enter (Offset is displayed). Press HOLD (up) or MAX/MIN (down) to set the trim value (maximum of ±2.00 °C). Press the ON/OFF button to save the value and exit Trim mode.

OPEN CIRCUIT/FAULTY PROBE - If the probe has developed an 'Open Circuit' fault the instrument will display 'Err'.

SENSORS - This instrument should only be used with PT100 (platinum resistance probes, 0 °C = 100 Ω) BS EN 60751 fitted with suitable miniature plug (where applicable).

BATTERY REPLACEMENT - The instrument will display 'LO BAT' to warn that the batteries will need changing soon. The instrument continues to measure accurately but after further usage the instrument will display 'flat bat' and shutdown. Replace the batteries with three AAA batteries located under the rear cover that is held in place by a single screw.

WARNING: IPA and other solvents may cause damage to the case and screen of this instrument.

GUARANTEE - This instrument carries a two-year guarantee against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of ETI, be either repaired or replaced without charge. This guarantee does not apply to probes, where a six-month period is offered. The product guarantee does not cover damage caused by fair wear and tear, abnormal storage conditions, incorrect use, accidental misuse, abuse, neglect, misapplication or modification. Full details of liability are available within ETI's Terms & Conditions of Sale at www.etiltd.com/terms. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.