

INSTRUMENT RECORD CARD

model	order code
<input type="checkbox"/> CaterTemp® Plus	221-056
<input type="checkbox"/> Therma Plus	221-071



Serial No. _____

Calibrated by _____ Date _____

	0 °C/32 °F	100 °C/212 °F	1000 °C/1832 °F

This instrument has been checked or calibrated against reference instrument(s) calibrated by a UKAS Accredited Calibration Laboratory.
BS EN 60584-1:2013



manufactured by
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CaterTemp® Plus & Therma Plus Thermometers



Operating Instructions

INSTRUMENT OPERATION - The instrument is switched on and off by using the ON/OFF button located on the front of the instrument.

Apply the tip of the probe to the substance, medium or surface to be measured. The instrument reading may take seconds to stabilise depending on the nature of the measurement and the sensitivity of the probe.

SENSORS - Therma Plus instruments should only be used with a Type K thermocouple probe made to BS EN 60584-1:2013 that is fitted with a suitable miniature thermocouple plug.

HOLD - Pressing the HOLD button freezes the display for ease of reading and also illuminates the hold segment on the display. Pressing HOLD again returns the instrument back to normal operation.

UNITS - To change the instrument units from °C to °F or vice versa, turn on the instrument while the HOLD button is held down and continue holding the HOLD button down for a further seven seconds until the units change in the display.

RESOLUTION - The instrument automatically changes range from 0.1 °C/°F measurements to 1 °C/°F measurements after 299.9 °C or 599.9 °F respectively.

AUTO-OFF - The instrument will shut down 20 minutes after the last button press.

UNDER-RANGE - If you are attempting to measure below the instruments specified temperature range, 'LO' will be displayed.

OVER-RANGE - If you are attempting to measure above the instruments specified temperature range, 'HI' will be displayed.

OPEN-CIRCUIT - If no probe is fitted (Therma Plus) or there is a fault with the probe then the display reading will rise until eventually displaying 'Err'.

BATTERY REPLACEMENT - 'LO BAT' indicates that the batteries will need replacing soon. The instrument continues to measure accurately whilst in the 'Lo Bat' condition but we recommend that the battery is changed at the earliest convenience. After some further usage the instrument will detect that there is insufficient battery voltage left to measure accurately. At this point the instrument will display 'Flat' and then 'Bat' and then shut down. The batteries will need to be replaced at this time to continue instrument use.

To change the battery, remove the instrument bottom cover using a Posidriver (crosshead) screwdriver. Once opened push the battery to one side to release and remove it and then fit the new battery into the battery clips taking into account the polarity. The battery should be a PP3, MN1604 or a direct 9-volt equivalent.

When refitting the bottom cover ensure that the seals are not damaged and are correctly positioned. Tighten the battery cover screws firmly to ensure that the seals are compressed and will provide a water-resistant seal.

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.etild.com/terms. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.