

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



THERMA K METAL & CATERTEMP® METAL THERMOMETERS



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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 - The CaterTemp Metal instrument has a fixed Type K probe. The Therma K Metal instrument 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. A wide range of Thermocouple probes are available at etiltd.co.uk. Bespoke probes are also available.

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, press and hold the ON/OFF button for five seconds at startup and the displayed temperature will change from °F to °C.

RESOLUTION - The instrument automatically changes range from 0.1 °C measurements to 1 °C measurements after 999.9 °C.

AUTO-OFF - The instrument will turn off automatically 10 minutes after the last button press. To disable auto-off, press down the HOLD button while switching on the instrument (this is reset when the instrument is turned off).

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 or there is a fault with the probe, then the display will read 'Err'.

BATTERY REPLACEMENT - The instrument will display a 'Lo Bat' symbol 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 shut down.

To replace the batteries, remove cover and release the battery pack. Replace with 3 x AAA Alkaline batteries. When refitting cover ensure seals are undamaged and positioned correctly. Firmly tighten screws to compress seal.

EMC/RFI - The instrument readings may be affected if the unit is operated within a radio frequency electromagnetic field strength of approximately 3 volts per metre, but the performance of the instrument will not be permanently affected.