

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 20 METAL THERMOMETER



Manufactured by
Electronic Temperature Instruments Ltd
Worthing · West Sussex · BN14 8HQ
01903 202151 · sales@etiltd.com · etiltd.com

545-787/19.01.21

Operating Instructions

INSTRUMENT OPERATION - Before use, connect the Thermistor probe that is to be used via the socket located at the top of the instrument, screw in the collar of the plug, finger tight, to ensure a secure connection (do not over tighten). 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 Therma 20 Metal operates with interchangeable thermistor probes. This instrument is designed to be compatible with ETI manufactured probes.

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 start up and the displayed temperature will change from °F to °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).

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'.

FAULTY/INCORRECT PROBE TYPE - If the probe has developed an 'Open Circuit' fault the instrument will display 'Err'. If the incorrect Probe Type is connected the instrument will display "ProbE - tyPE - Err".

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.