



THERMA K, T, 20 & 22 BLUE THERMOMETERS

With *Bluetooth® LE*
Wireless Technology



Operating Instructions

CONNECTION - Use a Bluetooth Low Energy iOS or Android™ host device with a compatible app installed to make connections to the instrument. When connected, the *Bluetooth*® symbol will show in the display.

Please note: When not connected the instrument continues to measure using its current settings but no readings are stored in the instrument.

INSTRUMENT OPERATION

Connect a probe via the socket located at the end of the instrument. Apply the tip of the probe to the substance, medium or surface to be measured. The instrument reading may take several seconds to stabilise, depending on the nature of the measurement and sensitivity of the probe.

BUTTON FUNCTIONS



Transfer/On-Off button ON - Press to switch the instrument on.

OFF - Hold down for 3 seconds to switch off.

MEASURE/TRANSFER - Press to measure and transfer result via Bluetooth® Wireless Technology (if connected).

SENSORS

The Therma K Blue should only be used with type K (Nickel Chromium/Nickel Aluminium) thermocouple probes (BS EN 60584-1:2013) fitted with miniature type K thermocouple plugs, where applicable (to BS EN 50212).

The Therma T Blue should only be used with type T (copper/ constantan) thermocouple probes (BS EN 60584-1:2013) fitted with miniature type T thermocouple plugs, where applicable (to BS EN 50212).

The Therma 20 Blue operates with an interchangeable thermistor probe.

The Therma 22 Blue operates with either a interchangeable thermistor or type T thermocouple probe. These instruments are designed to be compatible with ETI manufactured probes.

SETTINGS - Adjustable via the app include: °C or °F, Measurement interval, Auto-off interval, Sensor name and High/low alarm levels. All settings are stored in the instrument and are downloaded to the app on connection.

AMBIENT- The ambient operating range is -20 to 50 °C.

AUTO-OFF - If the instrument is not connected to Bluetooth within the set Auto-off interval, it will shut down. This function can be switched off via the app.

OPEN CIRCUIT/FAULTY PROBE - If the probe has developed an 'open circuit' fault or is not present the instrument will display 'Err'.

BATTERY REPLACEMENT - The low battery symbol will indicate when the batteries need replacing. 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 sensors/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. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.

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