



TEMPTEST[®] PLUS BLUE THERMOMETER

With *Bluetooth*[®]
Wireless Technology



Operating Instructions

INSTRUMENT OPERATION - Connect to the instrument using a *Bluetooth®* Low Energy iOS or Android™ device with a compatible app installed. When a connection is established, the Bluetooth symbol will appear on the display.

Please note: When not connected, the instrument continues to measure using its current settings, at a 1 second interval rate. 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 on 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 the sensitivity of the probe.

SENSORS - The TempTest Plus 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).

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).

SETTINGS - Adjustable settings in 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 upon connection.

DISPLAY - The display automatically rotates to show temperatures based on the angle at which the instrument is held. There are two display modes: Basic Mode and Enhanced Mode. Basic Mode appears when the device is not connected to Bluetooth. Enhanced Mode is available when Bluetooth is connected and enabled in the settings.

Please note: Enhanced Display Mode, Sleep Interval, and Connection Status Display settings are available only when using software compatible with the latest SDK/Protocol. If the unit is used with older software, the display will remain in Basic Mode at all times.

ROTATIONAL DISPLAY - The display will rotate 360°, depending on the direction the instrument is pointing, allowing it to be used at any angle or in either hand.

SLEEP - The display will 'SLEEP' after 30 seconds if no movement is detected. When connected, the instrument will remain connected, and the display will wake when movement is detected.

INTELLIGENT BACKLIGHT - features a light sensor that automatically activates the backlight in low-light conditions. The backlight remains on for 10 seconds and turns off automatically if no movement is detected.

AUTO-OFF - If the instrument is not connected to Bluetooth within the set auto-off interval, it will shut down. You can disable this function through the app.

LCD ERROR MESSAGES - If the ambient temperature falls outside the operational range, either 'Ambient Lo' or 'Ambient Hi' will be displayed. This indication will continue until the ambient temperature returns within the specified limits. Allow the thermometer at least 30 minutes to stabilise to the working or room temperature. 'Hi' or 'Lo' will be displayed when the temperature being measured is outside the instrument's measurement range. 'Err' will be displayed if no probe is connected or if the connected probe has developed a fault.

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

BATTERY REPLACEMENT - A battery symbol '' indicates that the batteries need to be replaced. The instrument will continue to measure accurately, but we recommend changing the batteries as soon as possible.

To replace the battery, loosen the 3 battery cover screws using a Pozi (PZ1) screwdriver and remove the battery cover. Insert 2 x AAA batteries, ensuring correct polarity. Tighten the battery cover screws until the cover fits snugly against the seal. Do not over-tighten.

STORAGE & CLEANING - Clean the instrument regularly with an anti-bacterial probe wipe to prevent the growth of food-borne bacteria. The thermometer should be stored between -20 to 50 °C.

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 etilt.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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