LEGIONNAIRES' PREMIUM THERMOMETER KIT



Operating Instructions

HOW TO USE THE THERMOMETER KIT
The thermometer and various probes may be used to monitor the temperature of running water, standing water and the surface of pipes and tanks that form part of the water system.

The immersion probe should be placed in the water; the ribbon surface probe may be used to take the temperature of pipes and tanks, and the wire probe can be used to reach awkward places or where the other probes are not appropriate.

The water-resistant countdown timer is for the user to ensure the tap is running for the correct amount of time before taking a reading.

*Please note that temperature control is only a part of the treatment of legionella bacteria.

The 860-860 Legionnaires' Premium Thermometer Kit contains:

1 x 221-041 Therma 1 Thermometer
1 x 123-160 Penetration probe - type K
1 x 123-030 Precision ribbon surface probe - type K
1 x 133-362 PFA exposed junction wire probe - type K
1 x 836-220 Box of 100 probe wipes
1 x 834-150 ABS carrying case
1 x 806-150 Water-resistant countdown timer

THERMA 1 INSTRUMENT OPERATION - Where applicable, connect a probe via the socket located at the top of the instrument. Switch the instrument on and apply the tip of the probe to the substance or medium to be measured. The instrument reading may take a few seconds to stabilise, depending on the nature of the measurement and sensitivity of the probe.

HOLD - Press the HOLD button to freeze the display, press again to continue measuring.

AUTO-OFF - The unit will switch off automatically after 10 minutes. To disable auto-off press the HOLD button whilst switching on the instrument (this is reset when the instrument is switched off).

OPEN CIRCUIT/FAULTY PROBE - If the probe has developed an 'Open Circuit' fault the instrument will display 'Err'.

SENSORS - This instrument 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).

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.

°C/°F - The instrument can be switched between °C and °F by pressing the MODE button for three seconds.

TRIM - Press the MAX/MIN and ON/OFF buttons at start up for five seconds to enter (Offset is displayed). MAX/MIN then cycles (continuous loop) the trim value in 0.1 steps up to ±2.0 °C (3.6 °F). Press ON/OFF to save the value and exit Trim mode.

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 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

REFERENCE INFORMATION

Further details about the risks, treatment and management of hot and cold water systems are available from the HSE's website: hse.gov.uk/legionnaires or scan QR code below:

Free leaflets may be downloaded from the HSE's website under resources, publications and guidance. Or scan the QR code below:

This leaflet has been compiled using the reference documents above, but should only be used as part of a full risk assessment and prevention/control strategy.

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

545-860 WEB/25.02.26