

# THERMA-HYGROMETER

## Operating Instructions

Product code:

**810-140**

**INSTRUMENT OPERATION** - Open the battery compartment and insert the battery supplied. For the most accurate recording of ambient temperatures, the Therma-Hygrometer unit should be positioned away from direct sunlight and draughts. This unit has an internal temperature sensor and external on the remote probe. The %rh sensor is only on the remote probe, this humidity reading is given in %rh (percentage relative humidity). **Please note:** The external sensor temperature ('OUT' displayed) measures the full range of -20 to 70 °C. The internal unit sensor will only measure 0 to 50 °C.

**MAX/MIN** - Press the MAX/MIN button to display the maximum reading ('MAX' symbol displayed). Press the MAX/MIN button again to display the minimum reading ('MIN' symbol displayed). Press MAX/MIN button again to return to normal readings. To clear the MAX and MIN readings press the clear button when viewing the MAX or MIN readings. **Please note:** Max/Min readings are not saved so if the battery is removed or drained the Max/Min readings will be cleared.

**°C/°F** - Press the °C/°F button on the back of the instrument to switch between Centigrade and Fahrenheit.

**INTERNAL/EXTERNAL TEMPERATURE DISPLAY** - Press the IN/OUT button on the back of the instruments to display the external (OUT) probe temperature, 'OUT' is shown in the temperature display; press the IN/OUT button to return to measuring the internal temperature, 'IN' is shown in the temperature display.

**BATTERY REPLACEMENT** - Replace the battery when the display dims, using an AAA or 1.5 volt equivalent. The battery is located under the battery cover at the rear of the instrument.

**GUARANTEE** - This instrument carries a one-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/terms](http://etiltd.com/terms). In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.

## Specification

Range - internal	0 to 50 °C
Range - external	-20 to 70 °C
Range - humidity	10 to 99 %rh
Resolution	0.1 °C/°F or 1 %rh
Accuracy - temperature	±1 °C
Accuracy - humidity	±5 %rh (30 %rh - 70 %rh at 25 °C)
Battery	1.5 volt AAA
Battery life	10000 hours
Display	Dual custom LCD
Dimensions	20 x 100 x 110 mm
Weight	170 grams



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