

# EUROLEC INSTRUMENTATION LTD.

## TH SERIES PORTABLE THERMOMETER

### OPERATING INSTRUCTIONS

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#### Battery Fitting

Open the Battery compartment, by removing the two screws from the bottom of the Instrument and lifting off the cover. Insert one 9 Volt battery PP3 style (MN 1604 or equivalent), with terminals facing down. The orientation of the battery is not important; the instrument will work with the battery fitted either way. Refit the battery compartment cover.



#### Probe Insertion

Insert the probe plug into the socket at the top of the Instrument, ensuring correct probe type and polarity are observed. Also ensure that the plug pins are pushed firmly into the socket.


**NOTE:** For safety, do not bring probe into contact with any surface connected to a hazardous voltage i.e. above 50Volts.

Some probes have sharp points and care must be taken to avoid injury.

#### Operation:

Depress the button marked  to turn the Instrument ON and the button marked  to turn it OFF.

Apply probe tip to substance being measured, and allow reading to stabilise. This stabilisation time will vary with the different sizes of probes.

When the instrument is on, pressing the  ON button will operate the backlight facility for low light areas.

There is an auto shut -off facility, which will turn the instrument off automatically after approx. 3 minutes.

When the battery symbol appears on the display, the battery needs replacing. Fit new battery before taking any further readings.

If the “Err” message is shown on the display, this indicates that the probe has been disconnected. It could also indicate that the probe, cable or plug has been damaged.

**NOTE:** Probes must be handled with care.

- Always use the probe handle where there is one.
- Always use the plug to disconnect the probe from the instrument - never use the cable.
- Ensure probes are used for the correct purpose, they should not be used to bore or lever openings in or between frozen matter for example.

#### Environmental Specification:

Standard instruments are designed to be splash proof (IP64). All models can be supplied as waterproof (IP67) as an optional extra.

#### Warranty

This instrument has been carefully assembled and tested, and is warranted against faulty workmanship and materials for 24 months from the date of purchase.

During the warranty period any defective instrument will be repaired or replaced at the discretion of the manufacturer. This warranty does not cover damage or failure resulting from misuse or accident.

Modification, adjustment or any alteration with the internal arrangement of the instrument shall absolve the manufacturer from any liability in respect of the instrument.

Any instrument to be repaired should be forwarded to the manufacturer, carriage paid and at the owner’s risk. A brief description of the fault should be included.

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Please see other Pressure & Temperature instruments on the Eurolec web site  
**[www.eurolec-instruments.com](http://www.eurolec-instruments.com)**