

## CERTIFICATION

Milwaukee Instruments conform to the CE European Directives.



**Disposal of Electrical & Electronic Equipment.** Do not treat this product as household waste. Hand it over to the appropriate collection point for the recycling of electrical and electronic equipment.



**Disposal of waste batteries.** This product contains batteries. Do not dispose of them with other household waste. Hand them over to the appropriate collection point for recycling.

Please note: proper product and battery disposal prevents potential negative consequences for human health and the environment. For detailed information, contact your local household waste disposal service or go to [www.milwaukeeinstruments.com](http://www.milwaukeeinstruments.com) (US only) or [www.milwaukeeinst.com](http://www.milwaukeeinst.com).

## RECOMMENDATION

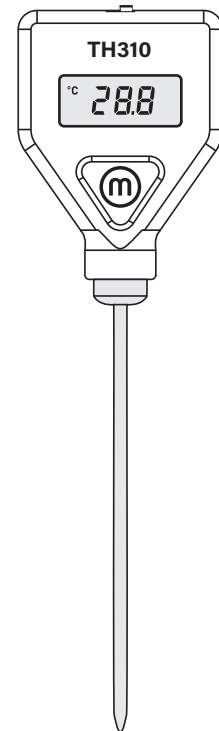
Before using this product, make sure it is entirely suitable for your specific application and for the environment in which it is used. Any modification introduced by the user to the supplied equipment may compromise the meter's performance. For your and the meter's safety do not use or store the meter in hazardous environment. To avoid damage or burn, do not perform any measurement in microwave ovens.

## WARRANTY

This instrument is warranted against defects in materials and manufacturing for a period of 2 years from the date of purchase. Electrodes and Probes are warranted for 6 months. This warranty is limited to repair or free of charge replacement if the instrument cannot be repaired. Damage due to accidents, misuse, tampering or lack of prescribed maintenance is not covered by warranty. If service is required, contact your local Milwaukee Instruments Technical Service. If the repair is not covered by the warranty, you will be notified of the charges incurred. When shipping any meter, make sure it is properly packaged for complete protection.

# USER MANUAL

## TH310 Pocket-sized Thermometer with Automatic Calibration Check



[milwaukeeinstruments.com](http://milwaukeeinstruments.com) (USA & CAN)  
[milwaukeeinst.com](http://milwaukeeinst.com)



## DESCRIPTION

Scientists and laboratory technicians rely on the accuracy of their thermometers when performing routine measurements.

For this reason, Milwaukee developed the **TH310**. This palm-sized unit is a highly accurate thermometer that is destined to make glass thermometers obsolete!

## FEATURES

- Easy-to-read LCD displays clear readings at any angle!
- Wide Measurement Range: -50.0 °C to +150.0 °C
- Fast response with a high-tech NTC thermistor sensor!
- ACC: World's First Automatic Calibration Check device!
- Up to 3000 hours of battery life!
- Stainless steel probe resists aggressive environments!

## AUTOMATIC CALIBRATION CHECK

A unique calibration test device has been incorporated into **TH310**.

At the touch of a button the **TH310** should display 0.0 °C  $\pm$ 0.3 °C. This assures the user that the reading is reliable and accurate.

## OPERATION

- Turn the **TH310** on with the ON/OFF switch located on the top.
- Dip the **TH310** probe into solution. Keep the connector out of the liquid.
- Stir gently and wait for a few seconds until the display stabilizes.
- Read the temperature value of the solution in °C shown on the display.
- When not in use, switch **TH310** off.
- Variations in readings or faint display can indicate battery failure.

## LCD



## SPECIFICATIONS

Range	-50.0 to 150.0 °C
Resolution	0.1 °C
Accuracy	$\pm$ 0.5 °C (-20 to 90 °C)
Typical EMC Deviation	$\pm$ 0.3 °C
Probe	Stainless Steel
Switch ON/OFF	yes
Calibration Check	yes
Environment	0 to 50 °C; max RH 95%
Battery Type	1 x 1.5V AAA
Battery Life	approximately 3000 hours of continuous use
Packaging dimensions	254 x 67 x 47 mm
Packaging weight	100 g

## BATTERY REPLACEMENT

When the **TH310** cannot be switched on or the display fades, pull out the battery compartment and change the 1.5V battery, paying attention to the polarity.

Battery should be replaced in a safe area using the battery type specified in this instructions.

