



DATA SHEET

# THERMOMETER WITH THERMISTANCE TH 300

The TH 300 thermometer is equipped with a programmable alarm, a nozzle probe and a 1 meter length cable. It allows a wide range of applications:

- Air conditioning
- Food industry
- Agriculture
- Petrochemistry
- Automobile
- Photography
- Conservation
- Refrigeration
- Pharmaceuticals industry
- Production control
- Laboratory
- Heating and ventilation
- Energy management



## Measuring range

Reference	Measuring range	Resolution	Accuracy
TH 300	From -50 to +150 °C	0.1 °C from -20 °C to +150 °C 1 °C from -20 °C to -50 °C	±1 °C maximum from -20 °C to +100 °C ± 2 °C on remaining scale

## Description

Display	41 x 15 mm
Stainless steel probe	Length: 105 mm, cable 800 mm
Ambient temperature for housing	From -10 °C to +40 °C
Battery	1.5 V AAA type battery, LR03 or equal. Battery life: about 1 year
Dimensions	100 x 64 x 21 mm
Weight	87 g

## Use

- Open the battery compartment and put out the cable probe.
- Take out the protective cap and insert the probe for at least 1 cm in the substance to test.
- Put the **ON/OFF** switch on "**ON**".
- Put the **T/H** selector on "**T**" to program a continuous display or on "**H**" to hold the displayed value. (in that case, °C flashes), slide on "**T**" to hold measurement.

## Temperature alarm configuration

- Press the **MAX. ALARM** button during about 3 seconds: -50 °C is displayed then the screen scrolls.
- Release the button to stop scrolling. Select the chosen accurate value, as each pressure increases the display of 1 °C.
- About 5 seconds later, the screen displays once again the measured temperature.
- When the measured value reaches the selected value, the alarm sounds 4 beeps.
- To stop the alarm, press any button.
- Follow the same procedure to select the minimum alarm temperature.



The T/H display mode change cancels the alarm configurations.  
If the device is not used for a long time, please remove the batteries.