



### **PCE-T317 Thermometer**

#### **Thermometer with highly accurate PT-100 sensor**

The PCE-T317 thermometer is a device that can be used in combination with resistance sensors. The PT-100 sensor has a resistance of 100 ohms at 0.0°C. This [link](#) has an explanation of the methods of measurement and the different PT-100 sensors that are available. The thermometer can take measurement over a period of 9.7 hours, and will record the minimum, maximum and average value. By pressing "MEM" on the keypad, up to 97 readings can be saved to memory and this data can be viewed when required by the user.

This [link](#) shows an overview of the thermometers we have available to suit your needs.



PCE-T317 thermometer

View or print the user's manual



- Highly accurate
- 3.5 digit LCD
- Alarm function
- Minimum, maximum and average value functions
- Data hold function
- Memory for 97 readings
- Backlit display
- User selectable measurement units
- Auto shut-off to conserve battery power (can be disabled)
- The PT-100 sensor can be submerged and can be used in air and liquids

### Technical specifications

Measurement range

-190 to 790°C  
(according to attached sensor)

Resolution

0.1°C

Accuracy

$\pm 0.05\%$  of reading  $+0.5^\circ\text{C}$   
(plus the deviation of the sensor)

Inputs (for temperature sensors)

1

Refresh rate

cada 1.5 s

Memory

97 readings (manual)

Auto shut-off

after 30 min (can be disabled)

Display

3.5 digit LCD

Power

6 AAA batteries  
(for 55 hours of battery life)

Operating conditions

0 to 50°C, <80% r.h.

Dimensions

150 x 72 x 35mm

Weight

235g (with batteries)

**Contents**

1 x PCE-T317 thermometer, 1 x PT-100 sensor, 6 x batteries and user's manual

**Optional accessories**

- ISO calibration certificate