



# TQC Sheen Infrared Thermometer

## TQC Sheen Infrared Thermometer

The user-friendly TQC Sheen Infrared Thermometer Standard measures surface temperature without contact, providing an easy and non-destructive solution for various surfaces. Ideal for harsh industrial settings, its illuminated display ensures accurate readings even in poorly lit environments.

### How to use our infrared thermometer

The TQC Sheen Infrared Thermometer Standard offers fast and straightforward operation. Just point and shoot and the surface temperature is shown on the display within 500 mSec with a high degree of accuracy. It has an auto power off function to help save battery power between uses, and it's easy to toggle between C° and F° readings. It also features automatic data hold and an over range indication. Our standard infrared thermometer measures a temperature range of -50 to +750°C.

### When to use an infrared thermometer

Designed to be used in all sorts of environments, this infrared thermometer uses a laser pointer to identify the target area while rubber parts on the housing protect the instrument against mechanical damage.

It is perfect for measuring the temperature of hard-to-reach surfaces as well as moving objects or electrical parts. For example, it can easily be used to measure the temperature of parts in curing ovens, bearings, electrical junction boxes, coolants, engines, plastic molding, asphalt and many more. It works best with surfaces that have an emissivity near 0.95, excluding shiny metals, and is ideal when contamination must be avoided.

### Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

## Ordering Information:

### Catalog Number Article Description

|        |                      |
|--------|----------------------|
| TE1005 | Infrared Thermometer |
|--------|----------------------|

### Features:

- Easy targeting with laser
- User selectable °C or °F
- Auto power off
- Backlit display
- Automatic data hold
- Overrange indication
- Comes with pouch, manual and battery

### Technical Specification:

|                                    |                                                          |
|------------------------------------|----------------------------------------------------------|
| Range:                             | -50°C to 750°C /<br>-58°F to 1382°F                      |
| Response time:                     | Less than 1 second                                       |
| Resolution:                        | 0.1° up to 200° / 1° over 200°                           |
| Basic Accuracy at<br>+23°C E=0.95: | ± 1.5% of reading or<br>±2°C/±4°F (whichever is greater) |
| Optical resolution:                | 1 Distance to spot size ratio                            |
| Emissivity:                        | Fixed at 0.95                                            |
| Power supply:                      | 9V battery                                               |
| Weight:                            | 290 g                                                    |
| Dimensions (H x W x D):            | 230mm x 100mm x 56mm                                     |

### Contact Details

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