

# PORTABLE INFRARED THERMOMETERS IR SERIES

## Features

- High performance non-contact infrared thermometers
- Ideal for use in the Food manufacturing, HACCP compliance, Pharmaceutical & Laboratory measurements
- Rugged metal case
- Hygienically smooth, splashproof surface
- Low power consumption with a backlit display
- Auto-ranging display
- IR151 with integral sensor
- IR152 with external sensor/lens with integral cable



## A range of compact, robust infrared thermometers

There are many applications where a non-contact measurement of temperature is required. In these situations, an IR (or Infrared) thermometer is the ideal solution.

For example, there are applications where probes may contaminate or damage product or where probe contact may be dangerous (e.g. live circuitry).

An Infrared thermometer is often the only solution for these environments.

Eurolec has a range of Infrared thermometers suitable for non-contact temperature measurements.

The Eurolec IR151 and IR152 feature a robust aluminium case and a clear, backlit display.

The IR151 uses a fixed lens in the top of the case whereas the IR152 uses a handheld sensor/lens.

## Ordering Information

### Instrument ordering

Use product codes IR151 or IR152 to order the appropriate instrument.

The IR152 is supplied with a handheld sensor/lens with a fixed cable.

### Accessories

A range of accessories are available to support and enhance your IR Series Thermometers including:

- Carrying Case Code THCC
- Carrying Pouch with belt clip Code THCCS

## Technical Information

### IR SERIES THERMOMETERS

SPECIFICATION	IR151	IR152
Instrument Type	Handheld Infra-red (IR) Thermometer	Handheld Infra-red (IR) Thermometer with cable-mounted sensor/lens
Range	-30.0°C to +199.9°C	-30.0°C to +199.9°C
Resolution	0.1°C	0.1°C
Accuracy*	1% ± 1°C	1% ± 1°C
Sensor Type	Thermopile	Thermopile
Emissivity	Fixed $\epsilon \approx 0.98$	Fixed $\epsilon \approx 0.98$
Measuring Ratio	1 : 1.5	1 : 1.5
Power Supply	9V DC PP3/LR61 Battery	9V DC PP3/LR61 Battery
Ambient Operating Temperature	5°C to +40°C	5°C to +40°C
Dimensions (without probe)	137mm x 69mm x 27mm	137mm x 69mm x 27mm

\*Accuracy figure is based on ambient temperature of 15 – 25°C and Emissivity of  $\approx 0.98$

Eurolec Instrumentation Ltd are continuously developing and improving their products and as such the company reserve the right to amend specifications without notice and supply products which differ from those described.

Technology House, Cluan Enda, Dundalk,  
Co. Louth, A91 HY51, Ireland  
+353 (0)42 9333423  
0845 370 4321 (UK)  
sales@eurolec-instruments.com