



Eurolec Instrumentation Ltd

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IR SERIES PORTABLE INFRARED THERMOMETER RANGE

The IR Series are robust thermometers for fast temperature measurement of most surfaces. Two models are available as follows.

MODEL IR151

Has a fixed emissivity and provides simple, fast readings via a lens in the top end cap.

MODEL IR152

As Model IR151, but with a hand held sensor/lens to access difficult to reach objects.

All models feature

- Attractively styled, very strong, extruded aluminium case.
- Hygienically smooth, splashproof surfaces.
- Backlit display.
- Fast response.
- Auto switch off and Low battery indicator.
- Auto ranging display.
- Compact Size: 137 x 69 x 27 mm.
- 9v MN1604 (PP3 battery) Battery life > 350 hours.
- 2 year warranty.
- Ambient operating temp. 0 – 50 °C



Applications

- Food Industry/HACCP
- Laboratory
- Engineering
- Chemical/Pharmaceutical
- Education
- Environmental
- Rubber/Plastics
- HVAC
- General Industry

Specification	IR151	IR152
Range	-30 to + 199.9 °C	-30 to + 199.9 °C
Sensor Type	Thermopile	Thermopile
Resolution	0.1 °C	0.1 °C
Accuracy (@ $\epsilon = 0.98$ & Ambient 15 - 25°C)	1% \pm 1 °C	1% \pm 1 °C
Ambient operating temperature	0 to + 50 °C	0 to + 50 °C
Emissivity	Fixed $\epsilon \approx 0.98$	Fixed $\epsilon \approx 0.98$
Measuring Ratio	1 : 1.5	1 : 1.5

Accessories: System calibration certificates traceable to UKAS;
 THCC executive style carrying case;
 THCCS carrying pouch with belt clip;
 Probe wipes.

Contact the sales department and ask for information on complementary instrumentation from Eurolec E.g. Infrared thermometers, temperature calibration sources, manometers. Other parameters include %RH, air velocity, pH, light, sound, rpm. Data logging/portable options available.