

# IR-829

## Hi-Temperature Infrared Thermometer



### PRODUCT DESCRIPTION

This high temperature infrared thermometer with Class II Star Burst Laser sighting is ideal for fast, easy and accurate non-contact measurement of most surface temperatures. It is suitable for a wide range of applications including; plant & general maintenance, HVAC, transport & automotive, health & safety.

Its measurable range is between  $-30^{\circ}\text{C}$  and  $950^{\circ}\text{C}$  with a resolution of  $0.1^{\circ}$  making it an extremely adaptable device. Units can be displayed in either degrees Celsius or Fahrenheit. Its Class II laser allowed easy identification of the centre point of the measurement.

It features a spot size of 30 to 1, meaning that at 30cm away from the focal point a 1cm area is being measured. The emissivity is also adjustable through 0.1 to 1.0 allowing precise measurements on varying emissivities.

Additional features include a min/max memory, automatic data hold, auto-power off and a low battery indicator, all viewable in a 26mm LCD display. The unit comes supplied with a holster-style carry pouch and battery

### FEATURES & BENEFITS

- $-30^{\circ}\text{C}$  to  $950^{\circ}\text{C}$  x  $0.1^{\circ}$
- Selectable units  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$
- Class II Star Burst Laser
- Spot size ratio is 30 to 1
- Adjustable emissivity from 0.1 to 1.0
- Response time < 500ms
- 26mm LCD display
- Automatic Data Hold
- Min/Max memory
- Auto Power Off after 20 seconds of no activity
- Low Battery indication
- Supplied holster-style carry pouch and battery

### TECHNICAL SPECIFICATION

<b>Range</b>	$-30^{\circ}$ to $+950^{\circ}\text{C}$	<b>Power</b>	1 x 9V PP3 Alkaline Battery ( <b>ALR-61</b> )
<b>Resolution</b>	$0.1^{\circ}\text{C}$	<b>Dimensions</b>	156 x 99 x 28mm
<b>Accuracy</b>	$\pm 3^{\circ}\text{C}$ ( $-30$ to $+0^{\circ}\text{C}$ ) $\pm 1.5\%$ of reading $\pm 2^{\circ}\text{C}$ ( $+0^{\circ}$ to $+950^{\circ}\text{C}$ )	<b>Weight</b>	176g