



# INDUSTRIAL INFRARED THERMOMETER WITH HUMAN BODY TEMPERATURE MEASURING FUNCTION

An ISO 9001:2015 Company

## MODEL- IRL 180

### APPLICATIONS :

IRL 180 Non-Contact Infrared Thermometer is used for Industrial & Human Body Temperature Measurement.

Infra Red Thermometer can be used in places where it is difficult for a normal temperature probe to reach or places where it is dangerous such as Heat Treatment Furnance, High Voltage Operating Plants, Kiln Temperature, Bearing Temperature, Energy Conservation, Scientific Experiment, Research & Development, Air conditioning, Petrochemicals, Automobile repair & Maintenance.

### FEATURES

- **Type of Thermometer** : Long Range Infrared Thermometer for Industrial & Human Body Temperature measurement.
- **Measuring distance for non contact type IR thermometer** : 15cm for Human Body.
- **Measurement modes available** : Surface Temperature Mode / Human Body
- **Temperature display unit**: Degree Celsius & Degree Fahrenheit.
- Trigger / Button for operation.
- Sound indication when the thermometer is ready to take or show the temperature.
- Audible alarm for fever
- Silent mode
- Auto Hold Function
- Programmable High / Low Temperature alarm settable.

### GENERAL SPECIFICATIONS :

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| <ul style="list-style-type: none"> <li>● <b>INDUSTRIAL TEMPERATURE MEASUREMENT</b> :</li> <li>● <b>Temperature Range</b> : 0°C ~ 180°C</li> <li>● <b>Accuracy</b> : ± 2% or 2°C</li> <li>● <b>Distance to spot ratio</b> : 12:1</li> <li>● <b>Emissivity</b> : 0.95</li> <li>● <b>HUMAN BODY TEMPERATURE MEASUREMENT</b> :</li> <li>● <b>Measuring site for body temperature</b> : Behind Ear &amp; Forehead</li> <li>● <b>Temperature Range</b> : 32°C (89.6°F) to 42°C (107.6°F)</li> <li>● <b>Accuracy in</b> : ± 0.2°C</li> <li>● <b>Sensor Type</b> : Thermal Sensor</li> </ul> | <ul style="list-style-type: none"> <li>● <b>Display</b> : One inch LCD Backlight Display</li> <li>● <b>Display Resolution</b> : 0.1°C/0.1°F</li> <li>● <b>Response Time</b> : 500ms</li> <li>● <b>Memory</b> : 32 Reading</li> <li>● <b>Built-in laser pointer</b> : Yes</li> <li>● <b>Low Battery Indication.</b></li> <li>● <b>Auto Power Off</b></li> <li>● <b>Power Supply</b> : 9 Volt Rectangular Battery (216)</li> <li>● <b>Dimension</b> : Approx. 149 x 101 x 38.5 mm</li> <li>● <b>Weight</b> : Approx. 155gm (with battery).</li> <li>● <b>Accessories</b> : User Manual, Battery &amp; Box Packing.</li> </ul> |
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All Specifications are subject to change without prior notice



Preliminary Data



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