



# IR190/IR300

## Professional High Temperature Infrared Thermometer

Overcome the limitations of contact thermometers in industrial and manufacturing with IRtek High Temperature Infrared Thermometer series. Advanced applications and processes need specialized tools like the IRtek High Temperature Infrared Thermometer series. Measuring high temperature of a furnace, smelting, foundry, wire rod in metallurgy industry can never be easier and faster. The model IR190/IR300 is ideal for basic needs of your non-contact measurement.

### Features

- 1-year warranty
- Maximum temp. reading
- Auto power off
- Selectable °C or °F units
- Low battery indication

### Applications

- Iron
- Steel
- Metal Refining
- Foundry and Processing Operations
- Ceramics
- Semiconductor
- Chemical Furnaces
- Petrochemical Furnaces

### Specifications

Temperature range	IR190 : 350 ~ 1900°C   IR300 : 600 ~ 3000°C
Accuracy	±1%
Spectral response	IR190 : 1.4 ~ 1.6µm   IR300 : 1.0µm
Resolution	1°C (1.8°F)
Repeatability	±0.5%
Sighting system	Coaxial optical sighting or coaxial laser sighting
Display holding	Temperature reading remains on for 5 seconds
Distance to spot ratio	150 : 1
Emissivity	0.10 ~ 1.00, adjustable
Ambient temperature	-18 ~ 50°C (-0.4 ~ 122°F)
Power	9V battery
Size	266x215x64mm
Weight	1kg
Standard accessories	9V battery, certificate of product conformance, warranty card, instruction manual, RS485 cable, external power/analog output cable

**IRtek.** No Touch Thermal Solution.

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