

## Infrared Thermometer with Adjustable Emissivity

The OS880-Series handheld infrared thermometer is a non-contact temperature sensing thermometer. It measures from -30 to 550°C (-22 to 1022°F). This thermometer features a backlit display which is automatically illuminated when the trigger is pulled and allows working in poor or zero-lighting conditions. The single laser is also automatically active when the trigger is pulled. The displayed reading is continually updated as long as the trigger is held in and will “hold” on the last temperature seen when the trigger is released. The OS880-Series has adjustable emissivity, minimum value, maximum value, and averaging functions, as well as high and low alarm capability. This safely measures surface temperatures of hot, hazardous, or hard-to-reach objects without contact.



### Features

- **Measurement range: -30 to 550°C (-22 to 1022°F)**
- **12:1 field of view**
- **Adjustable Emissivity: 0.10 to 1.00**
- **Single laser sighting and backlight LCD display**
- **“Hold” function retains the last reading**
- **Min, Max, Average and Differential readings**
- **Auto-power off to save on battery life**
- **Ideal for measuring in hard-to-reach, hot or hazardous areas**

### Specifications

<b>Measurement Range</b>	-50 to 550°C (-58 to 1022°F)
<b>Accuracy</b>	±3°C or ±3% of rdg, -30°C to 0°C (-22 to 32°F) ±2°C or ±2% of rdg, 0°C to 100°C (32 to 212°F) ±3°C or ±3% of rdg, ≥100°C (212°F)
<b>Display Resolution</b>	0.1°C or 0.1°F
<b>Response Time</b>	500 ms (95% response)
<b>Spectral Response</b>	8 to 14 microns
<b>Emissivity</b>	Adjustable 0.10 to 1.00
<b>Field of View</b>	12:1
<b>Operating Temperature</b>	0 to 40°C (32 to 104°F)
<b>Power</b>	9V alkaline battery
<b>Battery Life</b>	12 hours typical (with laser use)
<b>Dimensions</b>	5.74 x 3.14 x 1.49 in (146 x 80 x 38 mm)
<b>Weight</b>	130g (4.5 oz) without battery

### Model No. Description

<b>OS-880-121</b>	Essential handheld infrared thermometer, 12:1 FOV, -50 to 550°C
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*Comes complete with 9V battery*