

**OS540****Infrared Thermometer with Laser Sighting**

The OS543 is an ideal tool for production and general maintenance use. It has a wide temperature range of -30°C to 550°C (-22 to 1022°F). It is portable, easy-to-use, compact and features laser sighting designed for simple one-hand operation. Its field of view is 10:1 and features a laser dot for accurate aiming and measuring. The thermometer has a backlit LCD display. The OS543 has auto power-off (approximately 10 seconds) after releasing the trigger, which extends battery life. The reading can easily be toggled between °C and °F via one slide switch. This thermometer has a very fast response time of 250 ms.

**Features**

- **Measurement range: -30 to 550°C (-22 to 1022°F)**
- **10:1 field of view**
- **Emissivity fixed at 0.95**
- **Auto-off feature to save on battery use**
- **“Hold” function retains the last reading**
- **Accuracy of ±2% rdg or 2°C (3.5°F)**
- **Low battery indicator**
- **Laser and backlight both turn on during measurement**

**Specifications**

<b>Measurement Range</b>	-30 to 550°C (-22 to 1022°F)
<b>Accuracy</b>	±2% rdg or 2°C (3.5°F)
<b>Display Resolution</b>	0.5/1°C (Auto), 1°F
<b>Response Time</b>	250 ms
<b>Spectral Response:</b>	8 to 14 microns
<b>Emissivity</b>	Fixed 0.95
<b>Field of View</b>	10:1
<b>Operating Temperature</b>	0 to 50°C (32 to 122°F)
<b>Power</b>	One 9V battery
<b>Battery Life</b>	9 hours typical
<b>Weight</b>	157 g (5.5 oz) including batteries

**Ordering Example: OS-543:** Infrared thermometer, 10:1 field of view