Infrared Thermometers

OS540 Series

- LCD with Backlight
- Circle/Dot Laser On/Off Switch (OS542)
- Auto Power-Off
- °C/°F Switchable
- Field of View:
  Model OS542: 12 to 1
  Model OS543: 10 to 1
- Display Hold Function

The OS542 and OS543 are low priced infrared, which are ideal for education, training and demonstration programs. Industrial applications include diesel and fleet maintenance, electrical, measure ink and dryer temperature (screen-printing), in-process temperature measurement and food safety. Laser sighting helps locate target at a distance.

Specifications
- Display: 4 digit LCD
- Display Illumination: Backlight by LCD
- Field of View:
  OS542: 12:1
  OS543: 10:1
- Target Indicator: Laser dot or circle
- Emissivity:
  OS542: 0.98 (fixed)
  OS543: 0.95 (fixed)
- Power Off: Automatic power off after 10 to 15 seconds
- Temperature Range:
  OS542: -20 to 500°C (-4 to 932°F)
  OS543: -30 to 550°C (-22 to 1022°F)
- Accuracy: ±2°C (4°F) or ±2% of reading
- Resolution:
  OS542: 1°C (0.2°F)
  OS543: 0.5°C (1°F), -9.5 to 199.5°C/°F
- Repeatability: ±1% of rdg or ±1°C (2°F)
- Storage Conditions:
  -10 to 60°C (14 to 140°F), 0 to 75% RH
- Operating Ambient:
  OS542: 0 to 40°C (32 to 104°F), 10 to 90% RH
  OS543: 0 to 50°C (32 to 122°F), 10 to 75% RH
- Response Time: 0.5 second
- Battery: 9V alkaline (included)
- Battery Life: Approximately 9 hours

Dimensions:
OS542: 157.5 L x 115 W x 36 mm D
   (6.2 x 4.5 x 1.4”)
OS543: 148 L x 105 W x 42 mm D
   (5.8 x 4.1 x 1.6”)
Weight: 180 g (6.3 oz)
Spectral Response: 6 to 14 micron

To Order

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<th>Model No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>OS542</td>
<td>12:1 infrared thermometer</td>
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Comes complete with 9V battery, carrying pouch, operator’s manual and laser circle to dot switchable sighting included (model OS542, OS543 laser dot only).

Ordering Examples: OS542, infrared thermometer.

OCW-3, OMEGACARE™ extends standard 1-year warranty to a total of 4 years.