**THERMOMETERS**

### 52224-A INFRARED THERMOMETER W/LASER
The 52224-A offers laser targeting accuracy, enhanced backlit LCD Display and an expanded temperature range. The compact design is simple to use and easy to store.  
**Temperature Range:** -68°F to 932°F (-50°C to 500°C)  
**Field of View:** 12 : 1

### 52224-C INFRARED THERMOMETER WITH DUAL LASER
Features both infrared and dual laser technologies.  
**Temperature Range:** -76 to 1022°F (-60 to 550°C)  
**Field Of View:** 12 : 1

### 52225-A DUAL TEMP PLUS INFRARED THERMOMETER
Features both infrared and contact thermometer technologies. Includes programmable Hi/Lo alarms and Lock Mode to capture temperature readings. The contact function offers a built-in K type jack and wire thermocouple.  
**Non-Contact Temperature Range:** -76 to 1400°F (-60 to 760°C)  
**Field of View:** 30 : 1

### 52225-B ULTRA TEMP DUAL LASER THERMOMETER
Features both infrared and contact thermometer technologies. Includes programmable Hi/Lo alarms, and Lock Mode to capture temperature readings. The built-in K type jack offers optional contact functions. Illuminates working area with built-in LED light.  
**Non-Contact Temperature Range:** -76 to 1832°F (-60 to 1000°C)  
**Field of View:** 50 : 1

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### SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Model #</th>
<th>52224-A</th>
<th>52224-C</th>
<th>52225-A</th>
<th>52225-B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Contact Temperature Range:</strong></td>
<td>-50 to 500°C (-58 to 932°F)</td>
<td>-60 to 550°C (-76 to 1022°F)</td>
<td>-60 to 760°C (-76 to 1400°F)</td>
<td>-60 to 1000°C (-76 to 1832°F)</td>
</tr>
<tr>
<td><strong>Thermocouple Temperature Range:</strong></td>
<td>12 : 1</td>
<td>30 : 1</td>
<td>-64 to 1400°C (-63 to 1999°F)</td>
<td>50 : 1</td>
</tr>
<tr>
<td><strong>Display Illumination:</strong></td>
<td>Backlit LCD Color Display</td>
<td>Backlit LCD display</td>
<td></td>
<td></td>
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<tr>
<td><strong>Target Indicator:</strong></td>
<td>Single Laser Spot</td>
<td>Dual Laser Spot</td>
<td>Single Laser Spot</td>
<td>Dual Laser Spot</td>
</tr>
<tr>
<td><strong>Emissivity:</strong></td>
<td>0.95</td>
<td>0.95</td>
<td>0.10 (10E) to 1.0 (100E)</td>
<td>0.95</td>
</tr>
<tr>
<td><strong>Resolution:</strong></td>
<td>0.5°F / 0.5°C</td>
<td>0.1°F / 0.1°C</td>
<td>0.1°F / 0.1°C</td>
<td>0.1°F / 0.1°C</td>
</tr>
<tr>
<td><strong>Modes:</strong></td>
<td>MIN, MAX, DIFF &amp; AVG</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Accuracy:</strong></td>
<td>±2°C (4°F) or ±2% of reading</td>
<td>±2% of reading</td>
<td></td>
<td></td>
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<tr>
<td><strong>Response Time:</strong></td>
<td>0.5 seconds</td>
<td>1 second</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Off:</strong></td>
<td>Automatic after 15 seconds</td>
<td></td>
<td></td>
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<tr>
<td><strong>Battery Life:</strong></td>
<td>14 hrs.</td>
<td>14 hrs.</td>
<td>14 hrs.</td>
<td>14 hrs.</td>
</tr>
<tr>
<td><strong>Included Accessories:</strong></td>
<td>2 AAA batteries, instruction manual, plastic molded carrying case</td>
<td>2 AAA batteries, 1m thermocouple probe, instruction manual, plastic molded carrying case</td>
<td>2 AAA batteries, instruction manual, plastic molded carrying case</td>
<td>1m, 3m Wire Thermocouple Probes, Piercing Penetration Probe, Surface Probe, Air Probe</td>
</tr>
<tr>
<td><strong>Optional Accessories:</strong></td>
<td></td>
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<td>Removable Magnetic Base</td>
</tr>
</tbody>
</table>
52226 DUAL TEMP INFRARED/PROBE THERMOMETER

The 52226 Dual Temp Thermometer offers both infrared and contact probe technologies.
- Infrared Temp Range: 
  -67 to 428°F (-55 to 220°C)
- Probe Temp Range: 
  -67 to 626°F (-55 to 330°F)
- Field of View Ratio 1 : 1
- Adjustable Emissivity
- Lock Mode for hands free scanning
- Minimum/Maximum capture mode
- Contact Probe locks safely on the side of the unit

52227 POCKET INFRARED THERMOMETER

The 52227 Pocket Infrared Thermometer offers accurate non-contact temperature measurement in a compact and easy to use size.
- Temp Range: -67 to 428°F (-55 to 220°C)
- Field of View Ratio 1 : 1
- Adjustable Emissivity
- Backlit LCD Display
- Minimum/Maximum capture mode

52228 DIGITAL DIFFERENTIAL THERMOMETER

The 52228 Digital Differential Thermometer provides instant measurements of TWO points (T1, T2) and T1 – T2.
- Max Hold Function
- Data Hold Function
- Temperature in °F or °C
- AUX Output Jacks
- T1 – T2 Differential
- Temp. Range: -50 to 1999°F (-50 to 1300°C)
- Type K Thermocouple Input
- Resolution: 1°F (1°C)
- Includes two 3 ft (1m) Thermocouple Probes

52229 HANDHELD WATERPROOF DIGITAL THERMOMETER

- Measuring Range: 
  -58 to 572°F (-50 to 300°C)
- Wide Measurement Range
- Maximum/Minimum temperature memory
- Celsius and Fahrenheit exchange
- Data hold function
- High/Low temperature alarm setting
- Key tone for operation confirmation
- Stainless steel probe
- Foldaway stand

522245 DIGITAL PRESSURE/Temperature CHART

The Mastercool 52245 is a compact Digital Pressure Temperature Chart. This pocket sized device offers fast and accurate temperature references on a large easy to read LCD display. The automatic power down feature shuts the unit OFF five minutes after the last command to insure extended battery life.
- Temperature Range: -40 to 200°F (-40 to 103°C)
- Pressure readings are available in PSI, BAR and MPa. Temperature readings are available in Fahrenheit or Celsius. Battery is included.

- Fast & Easy to Use
- Compact Pocket Size
- Large LCD Display
- Auto Shut-Off