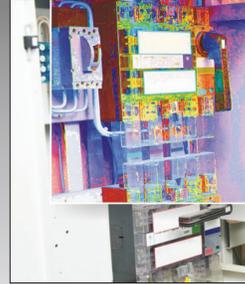




**Mastercool**<sup>®</sup> Inc.  
"World Class Quality"

1 ASPEN DRIVE, RANDOLPH, NJ 07869  
PHONE: 973-252-9119 / FAX: 973-252-2455  
WEB: WWW.MASTERCOOL.COM

**TAKE TEMPERATURE MEASURING TO ANOTHER LEVEL...**



Electrical/Mechanical



Solar



Building Diagnostics

**SPECIFICATIONS:**

Thermal Image Resolution:	32 x 31 pixels
Measurement Range:	-20 to 250°C (-4 to 482°F)
Accuracy (Tamb=20 to 26°C):	±2% of reading, or 2°C (4°F) whichever is greater
Thermal Sensitivity:	0.1°C
Frame Rate:	9 Hz
Field of View:	40 x 40 deg
Emissivity Range:	0.95 default – adjustable 0.1 to 1 step 0.1
Focus:	Focus free
LCD Size:	2.8" (71 mm)
LCD:	Color
Image Storage:	Stores up to 25,000 images per gb, bmp file format
Memory Type:	Support 8G micro SD card
Sensor Filter:	8 to 14 um
Interface:	USB
Battery Type:	(4) AA
Battery Life (hr) (backlit):	6 hours
Dimensions:	5.7" (l) x 2.8" (w) x 9.3" (h) (145 x 71 x 236 mm)
Weight:	11.5 oz (0.33 kg)



**THERMAL IMAGING CAMERA**

Mastercool's thermal imaging camera can measure from -20 to 250°C (-4 to 482°F) and display thermal images and temperature. Thermal images can be saved to a micro SD card and transferred to the software included for image reporting.

- Fully Automatic
- Focus Free
- Superior Measurement/Accuracy
- Micro SD Card Storage
- Reporting Software Included

**Automotive Applications:**

- Tire contact and wear diagnostics
- Rotor temperatures and wear patterns
- Faulty wheel bearings
- Proper fluid temperatures, static and full load
- AC liquid and gas lines and hose analysis
- Evaporators, condensers and radiators for proper heat exchange

- Brake and engine system evaluation for performance and cooling
- Faulty fuel injection nozzles
- Passenger compartment AC comfort analysis
- Rear differential temps
- Turbo chargers and catalytic converters

**52300** Thermal Imaging Camera with carry case, 8 gb micro SD card, CD, USB cord, batteries and instructions