



## 52300 THERMAL IMAGING CAMERA



### Product Description

THIS ITEM IS NO LONGER AVAILABLE

Take temperature measuring to another level...

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
- Brake and engine system evaluation for performance and cooling
- Rotor temperatures and wear patterns
- Faulty fuel injection nozzles
- Faulty wheel bearings
- Passenger compartment AC comfort analysis
- Proper fluid temperatures, static and full load
- Rear differential temps
- AC liquid and gas lines and hose analysis
- Turbo chargers and catalytic converters
- Evaporators, condensers and radiators for proper heat exchange

**SPECIFICATIONS:**

- Thermal Image Resolution: 32 x 31 pixels
- Measurement Range: -20 to 350°C (-4 to 662°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: 33 x 33 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: 3.7" (l) x 2.9" (w) x 9.2" (h) (94 x 74 x 234 mm)
- Weight: 14 oz (0.4 kg)

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