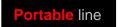
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Infrared Thermometers

AUTOMOTIVE

Troubleshooting and Diagnostics with Portable Infrared Thermometers

IRtec MicroRay

The MicroRay is a fundamental tool for any automotive technicians. Safe, Non-contact temperature measurements allow for quick and easy troubleshooting.

Do it Professionally & Correctly! Always be a step ahead of others!



Engine Diagnostics

Measuring the temperature of the engine manifold can help define:

- ✓ Low Compressions
- ✓ Correct Fuel/Air Mixtures
- ✓ Misfiring Spark Plugs
- ✓ Obstructions on Fuel Injectors



Catalytic Converter <u>Diagnostics</u>

Measuring the temperature before and after the catalytic converter, and knowing the difference, can help to verify the correct operation or identify problems in the system.



Cooling System Diagnostic

✓ Radiator Scan the area so you can easily identify any obstructions

✓ Thermostat

Check operation temperatures

✓ Coolant Sensor

Verify instrument Panel Meter



Tire, Brake and Bearing Diagnostic

- ✓ Tire and Brake Temperatures Uniformity
- ✓ Asphalt Temperatures
- ✓ Bearing Overheating

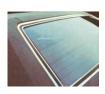






<u>Defroster and Insulation</u> <u>Diagnostics</u>

- ✓ Rear window and Driving mirror defrost
- ✓ Asphalt Temperatures
- ✓ Fuse Box Temperatures
- ✓ Temperature Insulation windows/colors





Climate Diagnostics

- Heater Outlets
- ✓ Air Conditioning Outlets
- ✓ Coolant Radiator Checks



Electrical Circuit Diagnostics

- ✓ Battery Contact Overheating
- ✓ Fuse Box Temperatures
- ✓ Electronic Circuits
- ✓ Electrical Connectors