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Portable line



IRtec
 Infrared Thermometers

MicroRay

Excellence in Measurements

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 Diagnostics

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.



Climate Diagnostics

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



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



Defroster and Insulation Diagnostics

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



Electrical Circuit Diagnostics

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