



Temperature & Process Instruments, Inc.  
 1767 Central Park Avenue  
 Suite 112  
 Yonkers, NY 10710  
 Web Site: [www.tnp-instruments.com](http://www.tnp-instruments.com)  
 Email: [info@tnp-instruments.com](mailto:info@tnp-instruments.com)  
 Phone: 914-673-0333 Fax: -866-292-1456

## MS Series Infrared Thermometers



for Electrical System Maintenance Applications

# AUTOMOTIVE

## *Troubleshooting and Diagnostics with Portable Infrared Thermometers*

### MS Series

The MS 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 Dual 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

