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Portable Line



IRtec® **MicroRay**
 Infrared Thermometers Excellence in Measurements

Infrared Thermometers

HVAC

Troubleshooting and Diagnostic with Portable Infrared Thermometers



IRtec MicroRay

The MicroRay is a fundamental tool for ANY heating engineer, plumber, or any other HVAC technician. Non-contact temperature measurements allow for fast and easy troubleshooting. This unit pays for itself in no time! Stay ahead of others with the right equipment.



Boiler Heating Circuit Diagnostic

- ✓ Measure the flow & return temperatures
- ✓ Verify Thermostat settings
- ✓ Check performance of boiler measuring the flue gas temperature
- ✓ Check operative temperature of pumps



Thermal Insulation Diagnostic (Energy Saving)

- ✓ Wall
- ✓ Roof
- ✓ Windows
- ✓ Duct

Air Conditioning Circuit Diagnostic

- ✓ Air conditioning grills
- ✓ Check coils, compressors and any bearings for overheating
- ✓ Electronic circuits
- ✓ Electrical connectors



Floor and Wall Heating Panel

Scanning the floor or wall heating panels allows you to check homogeneity of the heating or cooling system & easily allows you to find any differences in temperature, which can mean the presence of any faults or obstructions.



Additional Applications

- ✓ Check steam traps
- ✓ Measure temperatures of emergency relief valves
- ✓ Find water leaks on wet wallboards. Lower temperatures could indicate Moist spots on walls generating water evaporation
- ✓ Checking for coil condensation on the lines in refrigeration systems & circuits