



“THE POWER OF PRECISION”

At Pyromation, we don't settle for close.

That's just not good enough. As a world leader in precise temperature measurement solutions, we know that there is power in precision. There is power in knowing your temperature measurement sensors are accurate and reliable. And there's power in knowing you can rely on Pyromation to apply emerging technology to your custom applications. For over 40 years, we have proven our ability to engineer, manufacture and service precision temperature products. We provide service and solutions that give our customers a competitive edge. Now that's power.



That's Pyromation... The Power of Precision

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NVLAP Accredited. ISO 9001 Registered.

SENSORS FOR INDUSTRIAL MARKETS



Industrial Thermocouple Elements And Protection Tube Assemblies

PyroMation offers a large variety of thermocouple components and assemblies for use in virtually all high temperature heavy industrial process applications. These components and assemblies are used in heat treating, forging, smelting and melting, utility and waste boilers, incineration and cogeneration, and many other severe use processes. Call for information on standard components and assembly styles, as well as for special materials and constructions for use in custom process applications.



Magnesium Oxide Insulated Thermocouple Assemblies

Magnesium Oxide Insulated Thermocouples are commonly referred to as MgO Thermocouples. They are constructed by placing an element(s) into a sheath filled with loose Magnesium Oxide Powder providing a high dielectric strength insulation between the elements themselves and the sheath. They are used in a variety of process and laboratory applications where rugged construction, high temperature exposure, and vibration resistance are important. They are available in all thermocouple element types with numerous sheath diameters and materials.



Sensors In Thermowells

PyroMation offers a large variety of drilled and flanged thermowells to protect temperature sensing elements from the corrosion, high pressure and high velocities that can be present in many industrial process applications. Drilled thermowells are typically manufactured from single piece bar-stock without welds. Flanged thermowells have stems manufactured from single piece bar-stock and have flanges welded onto the stem. Both styles are available in several different physical configurations, in a variety of materials, and with a choice of bore sizes and mounting threads or flange sizes. Thermowells are available as separate components or as a part of a complete temperature sensor assembly.



Digital Indicators

PyroMation's versatile digital indicators accept input signals from thermocouples, RTD's and (4 to 20) mA dc process transmitters to indicate temperature or any other process variable condition. Our line includes a 1/8 DIN Digital indicator. These rugged instruments are front panel configurable to select input device, display range, scale, and numerical resolution, are housed in a 1/8 DIN metal case, and are supplied with gasket seals to withstand wash down applications.

Accessories

PyroMation provides a complete line of accessories including thermowells in various styles and materials, transmitters, indicators, controllers, connection heads, thermocouple wire, and terminal blocks.