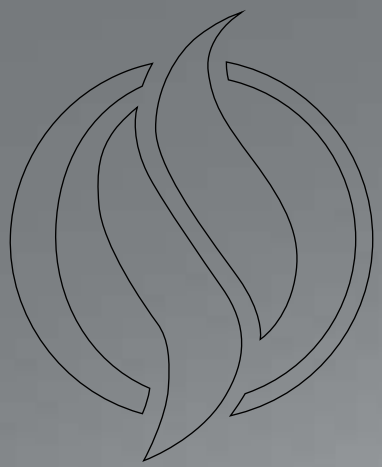

Speed, Service, Solutions...Beyond Measure®

Our mission is to provide solutions to manufacturers worldwide, improving their ability to safely and efficiently produce their products.

02 Our Mission

05 Letter From The President

06 Company Overview

08 Speed...Beyond Measure

10 Service...Beyond Measure

13 Solutions...Beyond Measure

14 Product Line

15 Connect With Us

pyromation inc.
beyond measure



Pete Wilson
President

// A Letter from the President

It is rare that a company achieves success for over 50 years, and no organization does so without the support of great customers, a dedicated sales channel, passionate employee team members and partnerships with outstanding suppliers.

Pyromation has developed from a small, service-oriented business to one of the leading temperature sensor manufacturers in the world. With product applications in almost every industry and sales in over 45 countries, the company has grown into an international business.

But we're not satisfied. We've developed a business culture and an operating philosophy that support continuous improvement and will drive our success for the next 50 years.

See for yourselves. We encourage customers to visit us to see our operations and meet some of our team members.

You will find that everything we do is designed to make us the best at providing solutions for your temperature sensor applications.

Pete Wilson
President





// WHEN TEMPERATURE IS CRITICAL, THINK PYROMATION

Temperature sensors are generally not the most expensive part of any process, but they have a major impact on the cost of an operation and the quality of the output. So it makes sense to search out the best sensor for each application. It is also critical to find the best company behind the sensor.

// BIG COMPANY CAPABILITIES, SMALL COMPANY SERVICE

Pyromation began operations in 1962 and has become one of the leading producers of temperature sensors in the world. With applications in almost every industry and sales in over 45 countries, Pyromation has grown into an international business while maintaining close relationships with its customers.

We are an ISO 9001-registered, advanced manufacturing firm that builds products certified to international standards, including IEC, NEC, ATEX, CSA, FM, 3-A and GOST. Our temperature sensors are found in wind turbines, HRSGs, pipelines, industrial furnaces, injection molding equipment, mixing tanks, distillers, pumps, emulsion/reduction systems, refrigeration units and other process equipment in North America and around the world. Global acceptance of our product line is, in part, the result of the commitment of our engineers, some of whom serve on committees within standards organizations such as ASME and ASTM.

While sophisticated enough to handle domestic and overseas customer requirements, we remain an organization in which it is easy to do business. Our sales team and product engineers are accessible by phone and e-mail and work with customers on both standard and custom-designed sensors for a variety of applications. We regularly travel to customer locations to meet with engineers, maintenance personnel and/or purchasing agents to assess their process requirements and develop the best temperature sensor solutions to meet their specific needs.

// LEAN ENTERPRISE

Pyromation began implementing Lean principles in early 2003. The ideals are applied not only in the plant operations but throughout the entire enterprise. Our team members are passionate and emotionally engaged in the process. Continuous improvement, waste reduction and operating efficiencies help lower enterprise costs, ensure fast delivery and enhance quality in both products and services.

// INDUSTRIES SERVED

- Power Generation
- Food & Beverage
- Chemical
- Oil & Gas
- Pharmaceutical
- Petrochemical
- Dairy
- Metal Processing
- Heat Treating
- Aerospace
- Plastics
- Rubber
- Incineration
- Medical
- Aggregate
- HVAC
- Mining
- Waste/Water
- Pulp & Paper
- Glass
- Textile

Speed

Beyond Measure

// Vertical Integration

We design and manufacture a wide range of temperature sensors, including a complete line of RTD assemblies and MgO thermocouples. Nearly 50 percent of the units we produce are temperature sensor assemblies that include components such as connection heads, thermowells, pipe wells and temperature transmitters. To support this business, we drill and machine a variety of materials to manufacture our thermowells and pipe wells and produce, machine and assemble our patented line of connection heads. Manufacturing these components and performing these operations internally enables us to quickly respond to customer demands while maintaining competitive costs, managing inventory and controlling quality.

In addition, we have an onsite NVLAP-accredited Metrology Laboratory performing calibrations to NIST standards, and Non-Destructive Testing (NDT) capabilities on location. These and other in-house operations allow us to deliver most orders within four business days, with same-day, 24-hour or 72-hour express shipments available on request.

// Customization and Flexibility

Pyromation is set up to adapt to standard and custom product requests, in any quantity, on an hourly basis.

A series of carefully constructed one-piece work-flow cells allows us to produce many different types of sensors as orders are received. We stock an assortment of materials and have in-house metal cutting, shaping, machining, welding and finishing capabilities that support our ability to make standard and special parts as needed. These and other capabilities provide flexibility to quickly respond to customer requirements.

// Technical Competencies

We are a self-sufficient operation. Our investments in space, equipment and technical expertise make it possible for us to efficiently drill and machine our thermowells, connection heads, pipe wells and other fittings on location. Our certified welders ensure quality construction for multi-piece and flanged thermowells, pipe well fittings, sensor junctions and specialty welding. We also perform non-destructive tests for thermowells and pipe wells on site. This gives Pyromation time and and cost advantages compared to suppliers that out-source these operations.





Service

Beyond Measure

// Experience and Teamwork

Each member of our internal sales team averages 25 years of industry experience. They establish strong working relationships with each customer and develop standard and custom sensor solutions for applications in virtually every process.

In addition, we have a network of factory-trained sales representatives and distributors, with extensive knowledge of the process industries, working throughout North America and the world. They offer service not only for Pyromation's line of temperature sensors, but for complementary product lines that provide total process solutions.



Our product engineers have developed sensor constructions for everything from Clean-In-Place (CIP) systems to turbine bearing applications. Pyromation's project engineering staff designed and patented our general-purpose and explosion-proof (XP) connection heads to meet customer convenience and compliance requirements. This group also analyzes and develops our product offering and manufacturing capabilities to ensure that Pyromation meets expanding customer demands.

Pyromation's sales team's in-house production knowledge and application experience, coupled with our engineers' expertise, allows us to excel in developing customized sensor designs, which make up nearly 45 percent of the company's total product sales.

We have probably designed and built sensors for an application very similar to yours.

// Convenience

Pyromation's online configurator allows our customers to build standard products and generate quotes 24/7 through the company's Web site. Customers can also track their orders, shipments and review their complete sales history online.

In addition, customers can submit thermowell design requests via the Thermowell Design Evaluator — at www.pyromation.com — to ensure they have the correct construction for their process.

// The Total Package

We don't just talk about doing business in a personal way; we prove it by providing unique packaging for orders, offering private labeling on products and tags, delivering product documentation and conducting product training.



Solutions

Beyond Measure

// Total Sensor Solutions

Our product line is comprehensive. We produce an extensive line of RTDs, MgO and industrial thermocouples. We manufacture thermowells and pipe well assemblies. We designed and produce our own connection heads, including XP types rated for use in hazardous locations. We build standard or custom-designed sensors and assemblies for various application requirements including high-accuracy, high temperature, rapid response, rugged use, corrosive-resistant, high pressure, CIP sanitary, and cryogenic to name a few. Pyromation also provides a complete offering of programmable temperature transmitters, insulated and bare wire, fittings and other accessories. Our regional sales representatives and distributors supply our temperature sensors along with support products, including instrumentation, fittings and pressure/level/flow components.

For many of our customers the physical sensor is not the only thing that they are looking for. They need dimensional prints, Material Test Reports (MTRs), product certifications, material traceability reports, Certificates of Compliance (C of C), and other documentation. Pyromation has been providing these and other supporting documents for decades.

// Quality Assurance

As an ISO 9001-registered firm, Pyromation monitors quality throughout the organization. Each sensor is tested to ensure it functions properly before leaving the production cell. Final inspections are also performed for each order prior to shipment. Our NVLAP-accredited lab personnel inspect production equipment and incoming materials. FM, UL, DNV, ATEX, IEC, 3A, NVLAP and CSA audit Pyromation's plant and processes on a periodic basis.



// Mineral-Insulated (MgO – Magnesium Oxide) Thermocouples
Base & noble metal types, multiple sheath diameters & a variety of materials

// RTDs
Single & duplex elements, low & high temperature constructions

// Explosion-Proof RTDs & Thermocouples
Fixed & Spring-loaded elements

// Food, Dairy & Pharmaceutical Sensors
Water-tight, CIP sanitary-connected types, tank sensors, penetration style types, fast-response sensors

// Industrial Thermocouples
Base & noble metal types, assemblies with alloy, composite or ceramic protection tubes

// Plastic & Rubber Industry RTDs & Thermocouples
General-purpose, ring style, threaded nozzle, melt bolt & adjustable immersion types

// Specialty Sensors
Heat-tracing, abrasion-resistant, rubber compound mixer, averaging, magnet, miniature sensors & more

// Thermowells
Standard, heavy-duty, flanged, sanitary, weld-in, Van Stone, limited-space, reduced-tip & many other types

// Connection Heads
Stainless steel, aluminum, Iron & plastic types, general-purpose, Explosion-Proof (XP) & flip-top styles

// Transmitters
Programmable, HART® protocol, hazardous-location-rated, dual-input, display types

// Wire & Accessories
Pipe bushings, fittings, flanges, nipples, plugs, jacks, bare & insulated wire & more

HART® is a registered trademark of HART Communication Foundation



// Let Us Check Your Temperature

We hope what you've learned about Pyromation gives you confidence in the company behind the temperature sensor. The next step is to provide us with your request so you can experience why we're known for **"speed, service, solutions…beyond measure."**

To submit a request, or for more information about Pyromation and our line of temperature sensors, assemblies and services, please contact our local sales representative or distributor (contact card may be shown below). You can also call our main office at (260) 484-2580 or visit us at www.pyromation.com.



pyromation inc.
beyond measure

Adaptive Industrial Solutions
sales@adaptiveind.com | (877) 818-5009