



The Professionals in Instrument Technology

Process Automation Forberg Scientific, Inc.

Endress+Hauser

People for Process Automation

Flow

- Magnetic
- Vortex
- Insertion Magmeter
- Coriolis Mass Flow
- Ultrasonic
- Thermal Mass
- Flow Computer/Totalizer
- Open Channel
- D/P Flow



Level

- Capacitance
- Conductive
- Mechanical
- Hydrostatic
- Vibration
- Ultrasonic
- Radar: Guided Wave & Free Space
- Gamma



Pressure

- Ceramic Sensor Technology
- Gauge/Absolute
- Differential
- Hydrostatic



Process Automation Forberg Scientific, Inc.

Endress+Hauser

People for Process Automation

Temperature

- RTD, TC, Assemblies, Switches,
- Transmitters, Displays

System Components & Recorders

- Analog, Digital, Pulse/Frequency,
- mV Displays, Indicators,
- Power Supplies, Totalizers
- Barriers, Energy Manager,
- DIN Rail Devices, Fieldgate

Analytical

- pH, ORP, Turbidity
- Conductivity
- Dissolved Oxygen
- Chlorine/Ammonia
- Nitrates/Organics/Phosphates
- BOD, COD, TOC Analyzers
- Water Samplers

Service

- Instrument & System Start-up/
Calibration/Training
- Preventive Maintenance &
Demand Service
- ISA CCST Personnel, Solution
Engineering Services
- ISO 17025 Accreditation for
Calibration Services
- Portable Flow Calibration Services
for Coriolis, Magnetic, Vortex



Forberg Scientific is an Authorized E+H Service Provider

Process Automation Forberg Scientific, Inc.



- In-Line, Silent, Spring-Loaded, Piston-Type Check Valves including Flange Insert
- Pipe Union Insert
- Sanitary Check Valves



- Wide range of Wilcoxon Research® Vibration Sensors
- 4-20 mA Sensors & Transmitters
- Rugged Enclosures
- Mounting Accessories
- Cable Assemblies
- Handheld Vibration & Temperature Meters
- Portable Shaker



Process Automation Forberg Scientific, Inc.

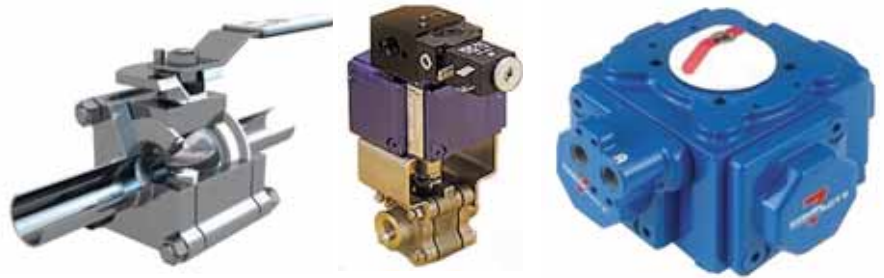


- Industrial, Economy, Flanged, High Pressure, Specialty, Chlorine, Cryogenic, High Purity, Multiported & Specialty Alloy



Valves & Automation

- Three-piece ball valves, Divert, Steam, Firesafe, Flush Tank Bottom, Flanged, Cryogenic & Control Valves



- Solenoid Valves 2, 3 & 4-Way Design
- Acutated On/Off Proportional Valves
- Valves and Manifolds
- Level, Flow, Temperature & Analytical Instrumentation Measurement and Control



Our service group is the unique difference that separates us from other suppliers. We pride ourselves on this rapidly growing part of our business. Today's customer relies more on outside resources than ever before and Forberg is a great choice to partner with. On-site training, inventory management programs, engineering and design services, consignment inventory, panel enclosures, cabinet assemblies, start-up assistance and support, in-plant air quality audits, steam trap surveys, rebuilding services for valves, regulators and filters, diaphragm and capillary filling, instrument and gauge calibration and assembly work are all part of what we do.

So whether you're after start-up assistance or an inventory management program, Forberg Scientific has the resources and experience to meet your every need.



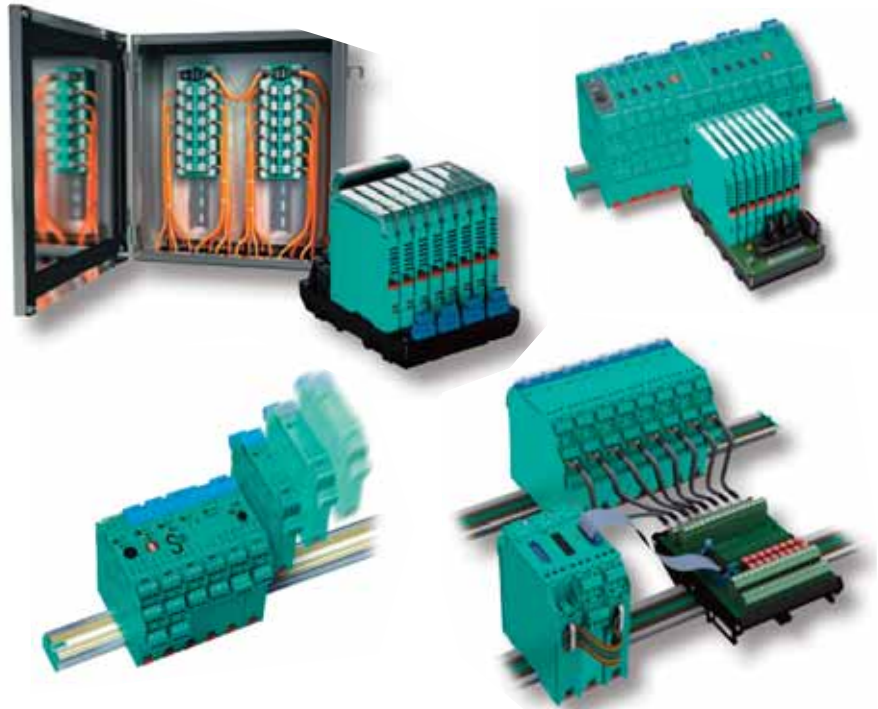
**“We have a
passion for
innovative
problem
solving.”**



Process Automation Forberg Scientific, Inc.



- Intrinsic Safety Barriers
- Remote Process Interfaces
- Fieldbus Solutions
- Hart Interfaces
- Corrosion Detection
- Wireless Solutions
- Electrical Explosion Protection
- Signal Conditioners
- Power Supplies



- Purge/Pressurization Systems
- Class I, II, and III, Div. 1 & 2/Zone 1/2/21/22



- Display, Control & Monitoring Systems & Solutions
- General Purpose, CL 1, Div. 2 Industrial PCs & Monitors



Process Automation Forberg Scientific, Inc.



- Insertion & Inline Thermal Mass Flow Meters for Gases
- QuadTherm Multivariable



- Gas Mass Flow Meters & Controllers



- Insertion & Inline Multi-Parameter Mass Flow Vortex Meters for Gases, Liquids and Steam Flow Applications



Process Automation Forberg Scientific, Inc.

KAHN

- Online & Portable Aluminum Oxide Sensor
- Ceramic & Chilled Mirror Dewpoint Measurement



GPI

GREAT PLAINS INDUSTRIES, INC.

- Liquid Flow Meters, Flow Monitors,
- Flow Sensors and Flow Control Equipment
- Water Meters, Chemical Meters, Sub-Meters



rotronic

- Humidity Probes
- Transmitters
- Data Loggers
- Humidity Generators



Process Automation Forberg Scientific, Inc.



Heat Tracing Products

- Self Regulating
- Constant Wattage
- MI Cable
- Flexible Tank Panels
- Custom Control and Monitoring Systems with Integrated Control Communication
- Software



- Smart Signal & Two-Color Online Infrared Temperature Measurement Sensors & Systems
- IR Line Scanners for Monitoring & Process Control
- Portable Infrared Thermometers



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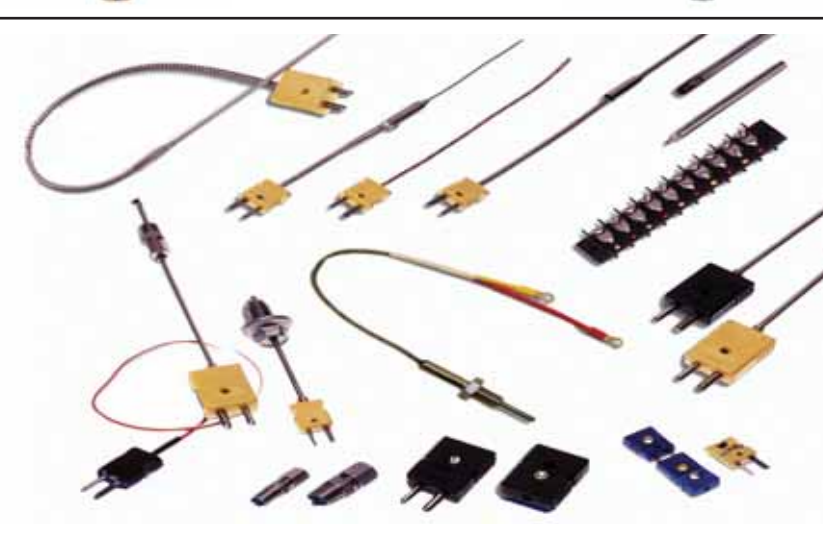


Mechanical Pressure

- Direct Drive Pressure Sensing Element



- Thermocouples, Connectors, Wire & Fittings
- Specializing in Exhaust & Engine Applications
- Braking & Rubbing Thermocouples
- Power Generation Applications



Gas and Flame Detection

Detection & Monitoring Of:

- Toxic Gases
- Combustible Gases
- Volatile Gas
- Natural Gas
- Hydrogen Sulfide
- Flame

Featuring:

- Fixed Gas Sensors
- Sample Draw Systems
- Open Path Detection
- Wireless Systems
- Process Monitors



Process Automation Forberg Scientific, Inc.

Forberg Scientific Custom Panels

Forberg Scientific assembles a wide range of custom instrument panels and fluid delivery systems:

- Gas Delivery, Sampling & Metering Panels
- Pressure & Flow Testing Stations



Calibration

- High-grade standards for calibration of precision measuring instruments
- ISO17025 certification
- Onsite/offsite services

Assembly

- Gauge and chemical seal assembly

Managed Inventory

- Providing reduced labor costs
- Efficient and cost-effective solution to MRO and OEM customers
- Mutually agreed objectives for inventory levels and fill rates
- Improves and streamlines the business relationship maximizing bottom-line results



Custom Welding Fabrication

- In-house orbital welding and fabrication
- Otto Arc equipment available for purchase or lease
- 1/8" up to 6" weld heads
- Tube cutting, deburring and squaring equipment
- In-house orbital welding per ASME Section IX



Process Automation Forberg Scientific, Inc.

Steel & O'Brien Manufacturing

- Sanitary Weld Fittings
- Clamp & Bevel Fittings
- Valves & Sight Glasses
- Sanitary Tubing
- Custom Fabrication
- BPE Fittings & Tubing



TOPWORX[®] GO[®] SWITCH

- Leverless Limit Switches
- Position Sensing
- Severe Service Applications



TOP LINE PROCESS EQUIPMENT COMPANY

- Hygienic Stainless Steel Pumps, Valve Actuators, Gauges, Filters & Strainers
- Sanitary Stainless Steel Fittings, Valves, Tubing & Tube Hangers
- Actuated Diaphragm Valves



Process Automation Forberg Scientific, Inc.



Instrument Products

Electronic/Mechanical Temperature

- Bimetal & Gas Actuated Thermometers
- Thermocouple & RTD
- Reactor Multipoints
- Temperature Transmitters
- Thermowells

Mechanical Pressure

- Pressure Gauges
- Diaphragm Seal Assembly
- Flushing Rings & Valves

Electronic Pressure

- Standard Industrial
- OEM Mobile Hydraulic
- Refrigeration & A/C
- Processor Switches
- Digital Processor Gauges
- Submersible Level

Level Gauges

- Magnetic Level Indicators
- Sight Glasses, Reflex & Transparent



- Communicators
- Calibrators
- Manometers
- Calibration Services





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