



High Quality Products | Trade Competence | Exceptional Teamwork

Equipment and Processes



Northwest
Instruments
& Controls

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About Northwest Instruments & Controls

Northwest Instruments and Controls was incorporated in 1992 as an exclusive manufacture representative of process control equipment for industrial market throughout West coast. We pride ourselves with excellent customer service, quality products, a highly trained service and sales staff and ability to provide complete engineered solutions. Northwest Instruments and Controls is your solution for instrumentation and control valve requirements.

Our Collaborators

Valves and Mechanical Equipment

Baker Hughes - Masoneilan

Globe, Rotary, and Three-way Pneumatic Control Valves, Severe Service Control Valves, Digital Valve Positioners, ESD & Fieldbus Valve Positioners, Level Displacers.

Mogas Industries

Customizable Isolation Valves, Low Pressure Isolation Valves, Vent & Drain Valves, Power Operated Relief Valves, Inline Repairable Valves, Rotary Control Technology, Modular Process Units (Skids), Special Linkages (Dual & Quad Valves), Ultra High-pressure Valves, Unique Bore or Inlet/Outlet Sizing, Diverter/Switching Valves.

Continental Disc Corporation

Forward & Reverse Acting Rupture Discs, Specialized Rupture Discs, Burst Disc Indicators & Holders.

Groth Corporation

Pressure & Vacuum Relief Valves, Flame & Detonation Arrestors, Blanket Gas Regulators & other low-pressure relief products.

Bachmann Industries

GT Exhaust & Bypass Systems: Simple-Cycle Exhaust Systems, Combined-Cycle Bypass Systems, Repowering Systems & Solutions, APC & Process Control Dampers: Louver, Diverter, Guillotine, Poppet, Butterfly, Flap, Specialty. For Isolation, Flow Control, or Bypass. Expansion Joints: Metallic & Fabric.

Ebro

Resilient Seated, PTFE, and High-Performance Butterfly Valves. Single and Double Acting Pneumatic Actuators, Electric Actuators.

Schubert & Salzer

Pneumatic or Electrically Actuated Control and On/Off Valves, Sliding Gate Control Valves, Angle Seat and Three-way Valves, Ball Sector Valves, Sanitary Valves, Pinch Valves, Valve Positioners and Manifolds.

Rotork

Pneumatic Drives, Linear Damper Drives, Vane Operated Quarter-Turn Pneumatic, Actuators, CK Range Electric Actuators, Wireless Valve Monitoring, Control Valve Positioners, Piston Actuated Valves, Limit Switches, Solenoids.

Centrisys-CNP

Dewatering Centrifuge, Sludge Thickener, Vertical Cuttings Dryer, High Speed Disc Separator, Centrifuge Mobile Systems. Service and Repair for all brands of Centrifuges.

Stafsjö

High-Performance Knife-Gate shut-off valves for pulp lines in pulp and paper mills, mineral processing and tailing systems in the mining industry, waste/effluent water/sludge handling for utilities and industries, ash handling at power stations and many others.

Brennan Industries

Critical flow components. Hydraulic and instrumentation fittings, adapters, valves, and accessories. Ham-Let instrumentation.

Baker Hughes 

Channel Partner

MOGAS®



Continental Disc®
Corporation

GROTH
CORPORATION®



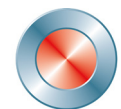
BACHMANN
INDUSTRIES, INC.

EBRO ARMATUREN®

SCHUBERT  SALZER

rotork®

 **centrisys**
cnp



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 **BRENNAN**

Our Collaborators

Analytical

Extrel

Process, Research, & Lab Mass Spectrometers, Molecular Beam & Plasma Analysis Systems, Trace Systems, HRQ, ATEX Industrial Gas Analyzer, Environmental Mass Spec, Bioreactor Gas Analysis, Real-Time Heating Value Gas Analyzer.

Environment One Corporation

Generator Condition Monitors, Equipment for Hydrogen/Air Cooled Generators, Generator Gas Analyzers and Dryers.

SWAN Analytical

On-line and Portable Water Analyzers, Silica, Sodium, Conductivity, Turbidity, Chlorine, Nitrate, Dissolved Oxygen, Ammonia, Hydrazine, Phosphate, TOC.

Teledyne Monitor Labs

Continuous Emission Monitoring Systems, Opacity & Particulate Monitoring Equipment, Gas Analyzers (SO₂, NO_x, O₂, CO, CO₂).

Teledyne Analytical Instruments

Oxygen Analyzers, Photometers, Ultra-Fast Gas Chromatography, Total Sulfur, Multi-point Combustion Analysis, Thermal Conductivity, Plasma Ionization-Nitrogen in Argon, Flame Ionization Detectors, Moisture Analysis, Liquid Analytics, TDLS, Handhelds.

COSA Xentaur

Dew Point Meters and Sampling Systems, Portable Dewpoint, Natural Gas Dewpoint, Optical Moisture, Zirconia O₂, Handheld Multi-Gas, Portable BTU GC, Relative Humidity, SF₆ Purity, Stack Oxygen, BTU Calorimeter.

LAR Process Analyzers

Online Water Analyzers for Biological Oxygen Demand, Chemical Oxygen Demand, Conductivity, Total Nitrogen Bound, TOC, and Toxicity.

Alpha Omega Instruments

Trace and Percent Oxygen Analyzers, Oxygen Deficiency Safety Monitors.

Atom Instrument

Laboratory and online elemental analyzers for total sulfur-nitrogen applications in liquids, solids, and gases.

MBW Calibration

Humidity Measurements, SF₆ Gas Analysis, and Humidity Generation.

Tiger Optics

Cavity Ring-Down Spectroscopy (CRDS) analyzers based on mid-infrared Quantum Cascade Laser (QCL) technology.

Guided Wave

Optical insertion probes and flow cells, photometers, fiber optic cables, full-spectrum process spectrometers, sampling systems, and data analysis software.



Our Collaborators

Instrumentation

Krohne

Process Instrumentation and Measurement Solutions including Electromagnetic, Coriolis, Ultrasonic, Vortex, dP, and Variable Area Flowmeters; Radar, Ultrasonic, and Pressure Level Transmitters; Level Switches; Temperature and Pressure Transmitters; Liquid Analytics.

Reotemp Instruments

Bimetallic Thermometers, Digital Industrial Thermometers, RTD's, Thermocouples, Thermowells, Pressure Gauges, Diaphragm Seals, Diaphragm Seal Repair, All-Welded Process Seal Gauges, Pressure Transducers.

Ametek O'Brien

Electric and Steam Heated Tubing Bundles, CEMS and Analytical Tubing Bundles, Instrument Enclosures and Heaters, Instrument Support Stands.

Macurco Gas Detection

Fixed Wireless Gas Monitors, Portable Gas Detection Monitors.

Services

Profiler

Advanced Control Valve Diagnostics. Troubleshooting valves in-line and in harsh environments for valve performance optimization, giving field technicians the ability to repair inline and Process Engineers vital information to immediately improve loop efficiency.

Elementale Enterprises

Turn-key analyzer integration. Specialize in design of probe, transport, conditioning, and return in advanced analytical loops. Apex Modular Multi-Gas GC's. Sofraser Inline Viscometers.

Talos Services

Controls engineering and integration services. From fully engineered turn-key projects to instrumentation integration and control system support. Services include electrical schematics, PLC system design and programming, HMI development, and on-site system support.

Catch Engineering

Engineering services including Project Management, Engineering and Design, Compliance and Verification. Mechanical Engineering Services - Pre-FEED, FEED, Detailed Design for Rotary Equipment (Compressors, Pumps, Blowers, and Fans), Static Equipment (Pressure Vessels, Heat Exchangers, Storage Tanks, and Reactors), Process Packages & Facility Design, Oil & Gas Facility Design & Optimization, Switchgear Systems, E-Houses.

Control Valve Repair and Testing

Ambient Gas Detector Calibrations

Instrument and Valve Walkdowns

The logo for Krohne, featuring the word "KROHNE" in a bold, blue, sans-serif font inside a blue rectangular border.The logo for Reotemp Instruments, featuring the word "REOTEMP" in a bold, black, sans-serif font with a red swoosh underneath, and the word "INSTRUMENTS" in a smaller, black, sans-serif font below it.The logo for O'Brien, featuring a stylized red "S" shape above the word "O'BRIEN" in a bold, black, sans-serif font.The logo for Macurco Gas Detection, featuring the word "MACURCO" in a bold, blue, sans-serif font, with "GAS DETECTION" in a smaller, blue, sans-serif font below it.The logo for Profiler, featuring the word "PROFILER" in a bold, blue, sans-serif font, with "ADVANCED CONTROL VALVE DIAGNOSTICS" in a smaller, blue, sans-serif font below it.The logo for Elementale Enterprises Inc, featuring a stylized globe with green gears and a leaf, above the word "ELEMENTALE" in a bold, blue, sans-serif font, "ENTERPRISES INC" in a smaller, blue, sans-serif font, and "SUSTAINABLE PROCESS SOLUTIONS" in a smaller, blue, sans-serif font below it.The logo for Talos Services, featuring a stylized blue and white geometric shape above the word "TALOS SERVICES" in a bold, blue, sans-serif font, and "ENGINEERING AUTOMATION SOLUTIONS" in a smaller, blue, sans-serif font below it.The logo for Catch Engineering, featuring a stylized red and white circular shape above the word "catch" in a bold, black, sans-serif font, and "ENGINEERING" in a smaller, black, sans-serif font below it.