

PROCESS INSTRUMENTATION and CONTROLS



- **Thermal Dispersion** Instruments
- **Flow / Level / Liquid Interface** Switches
- **Gas Mass Flowmeters**
- **Vortab** Flow Conditioners



- **Pressure and Differential Pressure** Transmitters
- **Magnetic Flow Meters**, Two Wire & Four Wire
- **Open Channel** Flow Meters
- Precision **Multivariable Flowmeters**
- **Vortex, Turbine**, and Custom Built



- **Level Transmitters & Switches**
- Non-contact & Guided Wave **Radar**
- **Ultrasonic, Capacitance, Magnetostrictive** & Hydrostatic



- Magnetic **Liquid Level Sensors** and Gauges
- Level, **Interface**, Volume, Temperature Compensated
- **High Accuracy Inventory** Measurement



- Insertion **Magnetic Flowmeters**
- One Size Truly Fits All!
- Pipe sizes from 1.5 inch to 120 inches



Water & Process
Technologies

- **Sievers TOC Analyzer** and sensors
- **Leakwise** (Agar) **Oil in Water** Sensors



- **Chlorine & Dechlorination** Systems
- **pH, ORP, Conductivity & Dissolved Oxygen**
- **Gas Detection** Systems



- Lab **Viscosity** and Rheology Measurement
- **Texture** Analysis and **Powder Flow** Testers
- In Line Process Viscometers and Control
















- Trace & Percent **Oxygen Analyzers**
- **Combustion & Emission Analyzers**
- Photometers, Area Monitors, Thermal Conductivity Analyzers



- **Rupture Disks**: Reverse and Forward Acting
- Graphite and Sanitary Disks
- Explosion Vents, Accessories and Holders



- Honeywell **Globe Control** Valve
- Cage Guided Globe Control Valves
- 3-Way **Mixing / Diverting** and Angle Globe Control Valves

 <ul style="list-style-type: none"> • Variable Area Meters • Rotameters 	  <ul style="list-style-type: none"> • Signal Conditioning • Recorders & Controllers
 <ul style="list-style-type: none"> • Red Lion Panel, HMI, Controllers And I/O • Sixnet Industrial Ethernet • N-Tron wireless systems 	 <ul style="list-style-type: none"> • Calibrators, Monometers • Primary Flow Elements • Hart Communicators
 <p><u>Turbine Meters</u> High Accuracy, Cryogenic, Corrosive & Severe</p>	 <ul style="list-style-type: none"> • Digital Level Sensors • Tank Car Sensors
 <ul style="list-style-type: none"> • Severe Service Flowmeters • Toruswedge & VTDensitometer • Slurries, Sand Limestone, etc. 	 <ul style="list-style-type: none"> • Plastic & PVC Products for: Flow, Temp. Pres. & Level • For Corrosive Applications
 <ul style="list-style-type: none"> • Temperature Products • RTDs, Thermocouples 	 <ul style="list-style-type: none"> • Belt Scales • Weigh Belt Feeders
 <p><i>Ball Valves</i></p> <ul style="list-style-type: none"> • V-Port, 1-Pc, 2-Pc, 3-Pc • Flanged & Threaded • 3-Way, Trunion • Manual & Automated 	 <p><i>Valve Positioners & Accessories</i></p> <ul style="list-style-type: none"> • Pneumatic, I/P & digital • Mounting Brackets & Switches

PROFESSIONAL SERVICES SOLUTIONS

Solution Partner
Automation

SIEMENS

ABB Automation **Solution Provider**



Phoenix Instrumentation is affiliated with Western States Controls Professional Services Group that provides engineering and technical solutions to industrial process systems and instrumentation. Our organization will provide on-site support services for:

Systems Engineering

- Process Controllers; PLC's; PC's; DCS
- SCADA; HMI; MMI Software
- Custom Application Software Development

Field Services – Instrumentation

- Component Installation
- Instrument Calibration; Testing; Commissioning
- Instrument Repair
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Custom Control Room Upgrades

