

# ALPHA

PROCESS SALES, INC.

## MECHANICAL PRODUCTS



BS&B SAFETY SYSTEMS, INC.

**THE INVENTOR and WORLD LEADER** in Rupture Disk & Explosion Vent technology, Explosion Protection Systems, Buckling Pin Relief Valves, Disk Burst Sensors



**Bertrem Valve, Incorporated**

**Severe Service Ball Valves** - Top entry design; Dual-floating, Self-adjusting Wedge Seats; Soft & Metal Seats; Trunnion Mounted Ball; Straight- thru Bore; Most Materials; Temps from Cryogenic to +1000° F; Fire-Safe Available

**Energy Exchanger Company** 

A leading Shell & Tube Heat Exchanger Manufacturer



**Heat Transfer Equipment - Flexible Metal and Fluoropolymer Hoses (FEP, PTFE, and PFA); Jacketed Valves; Jacketed Pipe, Fittings and other process Equipment; Rubber, Metal and Teflon® Expansion Joints; CST (Carbon Steel Tracing)**



EST Group

**Heat Exchanger and Condenser Tube Plugging System Pressure Test & Isolation Plugs and Equipment**



SAFETY. QUALITY. RELIABILITY.

**Sight glasses, Liquid Level Gauges, Sight Flow Indicators**



Safety Without Compromise

**Low Pressure Tank Venting Equipment, Flame & Detonation Arresters, Tank Blanketing Valves, Tank Hardware**



**Drain and Sampling Valves, Line Blinds, Wash-Down Equipment**



**Compact diaphragm valve –**

ANSI or MSS Face to Face, lined or unlined valves for industrial, chemical, power, pulp and paper, municipal water and wastewater treatment

## ANALYTICAL PRODUCTS



**The worldwide standard in sampling** of solids, liquids, liquefied gases and gases



**ELECTRO-CHEMICAL DEVICES**

**Sensors** for pH, ORP, Specific Ion, Dissolved Oxygen, Conductivity & Resistivity Measurement; **Analyzers** for ammonia, chlorine, silica, sludge, suspended solids, and turbidity; Explosion-proof transmitters



Gas and Flame Detection

**Fixed point gas detection, Process Stream Analyzers; Combustible, Toxic and O2 Gas Monitors.**



**Sales Representative**

**GE Analytical Instruments**

InnovOx and Sievers M9 Laboratory and On-Line Process TOC Analyzers, Leakwise Oil-on-Water Monitoring Systems

**Nusonics** formerly Mesa Labs

**Sonic Analyzers** to measure percent concentration, density and alkylation in liquid processes



**Fixed point gas detection with Wet Cell Technology, 60+ Gases Monitored, Zirconium O2 monitors interface detection, and QA/QC of heavy hydrocarbons**



**Quality Control Equipment Company**  
The EPA Water Sampler of Choice



Applied Rigaku Technologies, Inc.

**NEX XT** process sulfur analyzer for crude blending, pipeline interface detection, and QA/QC of heavy hydrocarbons



**Prima PRO Process Mass Spectrometer**

**Sentinel PRO Environmental Mass Spectrometer**

**SOLA II Sulfur Online Analyzer**

**SOLA II Flare Sulfur On-Line Analyzer**

**Some Products Not Available in All Areas**

7011 EXCHEQUER DR • BATON ROUGE LA 70809

Phone: 225.756.0976 • Watts: 800.864.9066 • Fax: 225.751.8954 • [www.AlphaProcessSales.com](http://www.AlphaProcessSales.com)

673 S. POST OAK ROAD • SULPHUR, LA 70663

Phone: 337.625.5547 • Fax: 337.625.5450



## INSTRUMENTATION & ELECTRICAL PRODUCTS



**A+ FlowTek / QMC**

Balanced Orifice Flow Meter, Flow Conditioning, More Accurate & Repeatable, Lower Pressure Loss, 100:1 Turndown; QMC Dynamic Simulator Software



POWER INSTRUMENTS

**Panalarm Division** – Annunciators

**Rochester Instrument Systems** – Annunciators, Sequential Events Monitors, Power Transducers and Panel Meters

**Ametek Power Products Division** – Flame Sensors, Turbine Thermocouples



**Badger Meter**

**Badger Industrial Flow Meters** – Magnetic, Turbine, Disc, Gear and Piston Meters

**Hedland®** - Variable Area Flow Meters

**Research Control Valves** - ¼" to 3" Valves for low flow, High pressure, cryogenic & high temperature applications

**Preso® Differential Pressure Flow Meters** - Ellipse® Pitot, COIN® wedge, Venturi flow meters

**Racine** - Vortex Flow Meters



**Pressure & Temperature Switches, Pressure Transducers and Float Level Controls**



**Best Purging Systems**

*Enclosure Purging & Pressurization Solutions*

Purge and Pressurization Panels; Shelters and Environmental Control Units



**Fairchild**

Pneumatic Regulators, Volume Boosters; I/P, E/P & P/I Transducers



Freeze Resistant **Variable Area Flow Meters**, Seal Water Monitoring and Lubrication Monitoring



Lightning Protection, Grounding systems, Surge Protection Devices, and comprehensive consulting services



**Laser Based Level and Position Transmitters**



**Magnetic liquid level gauges and transmitters**



**U.S. Manufactured RTD and Thermocouple Sensors, Components and Complete Assemblies – Temperature Transmitters**

### **SIEMENS**

**Magnetic Flow Meters**

**Ultrasonic Flow Meters**

**Mass Flow Meters**

**Open Channel Flow Meters**

**Belt Scales and Weigh Feeders**

**Pressure Transmitters**

**Temperature Transmitters**

**Valve Positioners**

**SIEMENS-MILLTRONICS**

**Ultrasonic Level**

**Radar Level Transmitters**

**Point Level, Capacitance Level**

*Municipal and Commercial Applications Only*



**Brandt** – STD5000 and STD6000 Current-to-Pressure (I/P) Transducers

**Polysonics** – SX30 Portable Dual Frequency Doppler Flowmeter

**Polysonics** - Transit Time Flow Meters

**Sarasota** – Density & Gravity Meters; Flow Meters

**Kay-Ray & Texas Nuclear** – Nuclear Density, Level & Consistency Meters

**Westronics** – SmartView 180 Data Acquisition System

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