

PRODUCT LINE



Performance that sets
The Standard

ACI 
CONTROLS, INC.

A leader in process controls since 1945

INSTRUMENTATION DIVISION

Your Single Source Instrumentation Provider



www.aci-controls.com

AMETEK

PMT DIVISION

Pressure transducers, transmitters & submersible level systems.

Bellofram

Valve Positioners, I/P & E/P Transducers.

ENERGY FLOW SYSTEMS, INC.

Orifice plates, flange unions and meter tube runs, flow nozzles, venturi tubes, straightening vanes, restriction orifice unions and condensate chambers.

INGOLD

Division of: **METTLER** **TOLEDO**

pH, Dissolved Oxygen, CO₂, Conductivity & Turbidity Sensors and transmitters for the Bio-Tech, Chemical & Wastewater Industries.

THORNTON

Leading Pure Water Analytics

Pure and ultrapure industrial water monitoring instrumentation used in pharmaceutical, biotech, semiconductor, and microelectronics applications. Excelling in the in-line measurement of conductivity, resistivity, TOC, and ozone in determining and controlling water purity.



ATLAS MAGNETIC LEVEL INDICATOR

Rugged metallic liquid level chamber with a flag or shuttle style, magnetically coupled indicator. Switch options available.

AURORA MAGNETIC LEVEL INDICATOR

Combines the MLI chamber with ECLIPSE Guided Wave Radar technology to provide truly redundant level measurement in one chamber.

GEMINI MAGNETIC LEVEL INDICATOR

Twin chamber design which combines our MLI with either our Guided Wave Radar, Capacitance or, Magnetostrictive continuous level technology. Provides redundancy in a dual chamber design.

JUPITER MAGNETOSTRICTIVE TRANSMITTER

Side mounted transmitter/probe design coupled to our MLI chamber.

rotronic

Portable & stationary humidity and temperature sensors and transmitters.



Tubular and finned tubular, heating elements, Refrigeration defrost heaters, Multi-cell cluster heaters, immersion heaters, Storage tank heating systems, Circulation heaters, Process air/Duct heaters, Heat control panels, Switchgear space heaters, Bolt heaters and impedance pipeline heating systems.

Honeywell

HONEYWELL FIELD SOLUTIONS

Single loop, process, PID controllers.

"Hybrid" multi-loop controllers.

"Paperless" video recorders.

Circular chart recorders.

Strip chart recorders.

Digital control programmers.

"HercuLine" electric actuators.

"Smart" pressure transmitters.

"Smart" differential pressure transmitters.

"Smart" temperature transmitters.

WIRELESS SOLUTIONS

Three tiers of wireless product offerings to fit your specific needs. Applications include pressure/absolute/differential pressure and temperature transmitters, dual analog input transmitters, acoustic transmitters and dual discrete transmitters.

ANALYTICAL PRODUCTS

pH/ORP analyzers and sensors.

Conductivity analyzers and sensors.

Dissolved O₂ analyzers and sensors.

Hydrogen purity monitoring.

VERSAFLOW PRODUCTS

Coriolis mass flow metering.

Ultrasonic "clamp-on" flow monitoring.

Vortex flow monitoring.

BURNER BOILER CONTROL

"ContoLinks" fuel air control system.

7800 Series burner control systems, gas valves, programmers, primary & relay controls, Ignition transformers

TRADELINE PRODUCTS

Damper actuators, economizer sensors, Modutrol IV motors, globe valves & globe valve linkages, humidity & temperature sensors, thermostats, valve actuators, pneumatic controls.

ENRAF

TANK GAUGING: Products for oil transfer and storage, inventory management and custody transfer. Technologies include Servo Gauging, Smart Radar and Hydrostatic Tank Gauging.

PETROLEUM TERMINAL ADDITIVE INJECTION: Systems servicing applications requiring flow measurement, local and remote control, pumping, alarming and communication interface.

BLENDED SYSTEMS: Ratio control for ethanol and diesel bio-fuels, fuel oils, mid-grade fuels, chemicals and fertilizers.

SpecView®

Economical, auto configuring.

SCADA MMI software package, which communicates with a wide variety of leading control and monitoring instrumentation suppliers.

Spang Power Electronics

SCR Power Controllers.

Dry-Type transformers & custom AC and DC drive products.



Continuous and point level. Flow controls.

ECLIPSE GUIDED WAVE RADAR

Time domain reflectometry technology continuous level measurement using one standard electronics module and many probe options.

PULSAR THROUGH THE AIR RADAR

Pulse burst technology, non-contact, continuous level measurement.

THERMATEL THERMAL DISPERSION

Switches for gas and liquid flow as well as liquid level. Thermal Mass Flow Meters.

ULTRASONIC CONTACT LEVEL

Gap transducer style switches.

ULTRASONIC NON-CONTACT LEVEL

Continuous and multi-point level control.

KOTRON R.F. CAPACITANCE

Radio frequency based point, and continuous level measurement.

SOLITEL VIBRATING ROD

Single point detection for powders and bulk solids.

DISPLACER LEVEL SWITCHES & CONTROLS

FLOAT LEVEL SWITCHES & CONTROLS

FLOW SWITCHES

Disc and vane style switch actuations.



COMPLETE HEAT TRACING SOLUTIONS

An independent manufacturing, design and support organization, supplying a complete range of heat tracing products, design services, project management, site installation, system audits, maintenance and training with performance guaranteed.

ELECTRIC HEAT TRACING

Thermon manufactures the widest variety of electric heating cables and control systems in the world. Self-regulating, power limiting, parallel constant wattage, series constant wattage, mineral insulated, skin effect systems, tank insulation, tank and hopper heating panels.



Digital panel meters & annunciators.

Pyromation

Temperature sensors, thermocouples, RTD's, protection tubes, CIP sensors.



Displacement/Vibration transducers and 2-wire transmitters, accelerometers, magnetic pick ups, LVDTs and multiple channel vibration monitoring systems.

Denotes In-Stock Item

ACI
CONTROLS, INC.

HEADQUARTERS OFFICE & WAREHOUSE

295 Main Street • W. Seneca, NY 14224
Tel: (716)675-9450 • Fax: (716)675-1906

REGIONAL OFFICE

5604 Business Ave. • Cicero, NY 13039
Tel: (315)452-1171 • Fax: (315)452-4608

Performance that sets
The Standard

MECHANICAL DIVISION

Your Single Source Instrumentation Provider



www.aci-controls.com

AMETEK

MANSFIELD & GREEN DIV.

Diaphragm seals, deadweight testers, force measurement equipment, test stands, tachometers & strobes.

U.S. GAUGE DIVISION

General equipment, process & precision pressure/vacuum gauges, filled system & digital thermometers.



BS&B SAFETY SYSTEMS, L.L.C.

A complete line of rupture discs including forward acting, reverse buckling, graphite, custom and accessories.



BS&B SAFETY SYSTEMS, L.L.C.

"VENT-SAF" Explosion panels & "VENT-SAF" explosion vents – Low burst pressure membranes specially designed to provide rapid pressure release from the calculated area of a structure. "DETEC-SAF" alarm system – Magnetic burst sensor to provide immediate notification of a burst event. "IPD" explosion suppression systems – Protection for "dust suspended" applications such as: dust collectors, dryers, blenders, grinders and silos.

Bellofram

Pressure regulators, & air cylinders.

Dwyer

Low pressure gauges, manometers, switches, flow meters & air velocity instruments.

STAINLESS STEEL TUBING

Instrument grade – 304, 316 seamless & welded, with varying wall thickness in sizes from 1/8" to 1" OD.



ACI Controls is a designated Parker Instrumentation Solution Center offering competent and solution-focused technical expertise combined with a superior level of customer service.



HOT CAPS

REUSABLE INSULATION

Removable insulation covers for piping, valves, transmitters, pumps, strainers, heat exchangers and more.

Mid-West Instrument®

D/P gauges, snubbers & averaging pitot tubes, backflow prevention kits, cross connection prevention kits.



PGI International

Excellence Through Innovation

Liquid and gas samplers, Sample cylinders, 2,3,4 & 5-way manifold valves, block & bleed valves.



REOTEMP

Bi-metal & remote filled thermometers, and wells.



SVF

FLOW CONTROLS



Automated Flow Control Products N.P.T., flanged, special service, diverter & economy ball valves, manual & actuated styles.

Taylor

ENVIRONMENTAL INSTRUMENTS

Laboratory grade, bi-metal & industrial thermometers. Pressure calibrators.

TechLine

MFG.

Cable & tubing trays, condensate pots, tubing clamps & instrument stands.



UNITED ELECTRIC CONTROLS

Electromechanical pressure & temperature switches & indicating temperature controls. Solid state, electronic pressure, differential pressure & temperature switches.



INSTRUMENTATION GROUP

INSTRUMENTATION PRODUCTS DIVISION

Instrumentation grade connectors, compression (CPI™/Alok®), pipe, SAE, metric & welded fittings.

MPI™ Medium pressure (6,000-15,000 PSI) inverted fittings.

UHP face seal (Vacuseal™/Ultraseal™) and welded (Minibuttweld™) fittings.

CGA, DIN and JIS connectors. Intra Flow™ Modular Systems (ISA/ANSI SP76.00.02).

Instrumentation valves - needle, ball, plug, toggle, checks & filters, manifolds, sample cylinders and accessories.

VERIFLO DIVISION

Diaphragm/bellows valves, manifolds, and custom assemblies for industrial, bulk gas and UHP applications. Regulators- pressure, backpressure, vaporizing and flow controllers for industrial and UHP applications including multi-port configurations.

PARTEK

Complete line of PFA/PTFE Teflon fittings, valves, tubing, pipe and accessories.

Complete line of PVC and CPVC fittings & valves.

TEXLOC DIVISION

Extensive line of high quality (100% virgin resin) Fluoropolymer tubing and pipe. A wide range of products available in PTFE, FEP, PFA, PVDF, and ETFE.

PARFLEX -ENERGY PRODUCTS DIVISION

Single line, multiple bundle & heat traced (steam & electric) tubing products and accessories.

Push-Lok® hose and fittings. Stainless steel braided hose assemblies.

Thermoplastic tubing and fittings (Truseal™, Fast & Tite®, PAR-BARB) smooth bore and convoluted PTFE hose assemblies.

QUICK COUPLINGS DIVISION

Brass, steel & stainless steel quick couplings for metal and plastic tubing.

SKINNER VALVE/GOLD RING

Precision solenoid valves, actuators, DIN connectors and accessories.

BRASS PRODUCTS DIVISION

Brass fittings & valves.

FINITE® FILTER DIVISION

Coalescing filters for instrumentation, gas sampling and compressed air applications including FRL's, dryers and replacement elements.

PORTER

INSTRUMENT COMPANY, INC.

A global leader in the design and manufacture of precision instruments for the measurement and control of low flow gases and liquids including flowmeters, mass flow controllers, metering valves, electronic pressure regulators and vapor delivery systems.

Denotes In-Stock Item

ACI
CONTROLS, INC.

HEADQUARTERS OFFICE & WAREHOUSE

295 Main Street • W. Seneca, NY 14224
Tel: (716)675-9450 • Fax: (716)675-1906

REGIONAL OFFICE

5604 Business Ave. • Cicero, NY 13039
Tel: (315)452-1171 • Fax: (315)452-4608

Performance that sets
The Standard



ACI

CONTROLS

FIELD

SERVICE SOLUTIONS

ACI provides a full range of consulting services for process control equipment, instrumentation, sub-assembly, design and fabrication, engineering, calibration, and certification. ACI also provides custom services and solutions.

Engineering

Design, layout and specification of equipment – from P&ID's to start-up.

Drawings

To customer standards meeting any revision of AUTOCAD.

Programming

PLC's, controllers, SCADA systems and most packaged software.

Installation

On-site set-up of designated control systems.

Panel Fabrication

Design, installation and start-up (turn-key systems).

Repair/Replacement

Of existing process equipment with a unique understanding of their characteristics or replacement of unrepairable units.

Calibration

Verification and calibration of all process control equipment to manufacturer specifications.

Standard Operating Procedures

ACI has their own, but we can adapt to our clients'.

Maintenance Management

On-site location of either your or ACI personnel for calibration and other maintenance services.

Valves

Repair or replace all major types.

For more information, contact our **Technical Service Representatives** at 1-800-333-7519 – or visit our website at www.aci-controls.com



Performance that sets
The Standard



HEADQUARTERS OFFICE & WAREHOUSE
295 Main Street • W. Seneca, NY 14224
Tel: (716)675-9450 • Fax: (716)675-1906

REGIONAL OFFICE
5604 Business Ave. • Cicero, NY 13039
Tel: (315)452-1171 • Fax: (315)452-4608