

# PRODUCT LINE



Performance that sets  
**The Standard**

**ACI**   
CONTROLS, INC.

A leader in process controls since 1945

# INSTRUMENTATION DIVISION

Your Single Source Instrumentation Provider

## 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, CO<sub>2</sub>, 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.

#### Magnetrol

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.



www.aci-controls.com

## 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.

### CORROSION MONITORING

"SmartSET" transmitter utilizes state-of-the-art algorithms and data analysis techniques to accurately measure corrosion rates and pitting.

### ANALYTICAL PRODUCTS

pH/ORP analyzers and sensors.

Conductivity analyzers and sensors.

Dissolved O<sub>2</sub> analyzers and sensors.

Hydrogen purity monitoring.

### VERSAFLOW PRODUCTS

Coriolis mass flow metering.

Ultrasonic "clamp-on" flow monitoring.

Vortex flow monitoring.

### GAS DETECTION

Honeywell Analytics fixed system & portable gas detection.

### 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.

### SpecView®

Economical, auto configuring.

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

Denotes In-Stock Item



### 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.



THE HEAT TRACING SPECIALISTS

### 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.



Portable & stationary humidity and temperature sensors and transmitters.



WORLD LEADERS IN  
VIBRATION-SENSING TECHNOLOGY

Displacement/Vibration transducers and 2-wire transmitters, Accelerometers, Magnetic Pick ups, LVDTs and Multiple Channel Vibration Monitoring Systems.



Glass tube & purge meters, low flow, direct view, metal tube, PVC & Teflon lined flow meters.



Two wire and four wire electromagnetic flow meters.



### 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

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# MECHANICAL DIVISION

## 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.



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



"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.

### bürkert

Solenoid valves, actuators & DIN connectors.

### CHEMIQUIP

Pressure snubbers, limiting valves, & excess flow sensors.

### DFT INC

In-line repairable, high-flow control valves for severe service applications from 1/4" to 6" sizes.

### Dwyer

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



### HOT CAPS

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

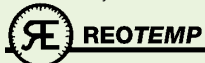
### Mid-West Instrument®

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



### PGI International

2,3,4 & 5-way manifold valves, block & bleed valves.



Bi-metal & remote filled thermometers, and wells.



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



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

### TechLine MFG.

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



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

### STAINLESS STEEL TUBING

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



### 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 OPERATION

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

### ATLANTIC TUBING OPERATION

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 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.



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# ACI

## CONTROLS

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# 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 client's.

### 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 the numbers shown – or visit our website at [www.aci-controls.com](http://www.aci-controls.com)



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