PRODUCT LINES
MECHANICAL DIVISION

PARKER INSTRUMENTATION GROUP
Instrumentation Products Division
• Compression fittings (CPI™, Alok®)
• MPI™ medium pressure (6,000-15,000psi) fittings and valves
• Instrumentation valves – check, relief, metering, ball, needle, plug and filters

Instrumentation Products Division – Europe
• Phastite® Fittings
• Pro-bloc valves
• CCIMS® Manifold Valves

Autoclave Engineers
• High pressure (up to 150,000 psi) tubing, fittings, valves and pumps

Phoenix Precision
• Block and bleed valves
• Instrument manifolds

PGI International
• 2, 3 and 5 valve manifolds
• Block and bleed valves
• Thermowells and probes

Quick Coupling Division
• Brass, steel and stainless steel quick couplings for metal and plastic tubing

Texloc
• Thermoplastic and fluoroplastic tubing and fittings
• PTFE, FEP and PFA tubing

Parflex
• Hydraulic, pneumatic hose and tubing
• Fittings: SAE, JIC, 37/45 degree flare
• Multi-tube bundles

Porter
• Digital and analog mass flow controllers for gas service
• Rotameters, Metering valves
• Proportional control valves

Bestobell
• Bronze and stainless steel globe, ball, relief and check valves for cryogenic service

Veriflo Division
• Stainless steel valves and regulators
• Stainless steel gas delivery systems
• Ultra-high purity stainless steel fittings and CGA’s
• Flow controllers
• Fluoropolymer valves and fittings
• Fluoropolymer chemical delivery products (CASY’s)

AMETEK
Mansfield & Green
• Diaphragm seals

US Gauge
• Pressure/temperature gauges

For more information, contact our technical service representatives at 1-800-333-7519 or online at aci-controls.com.
**ASCO**
- Solenoid valves

**Dwyer**
- Low pressure gauges, switches, manometers/rotameters and flow meters

**BS&B**
- Rupture Disk Devices
  - Rupture disks including reverse buckling, forward acting and graphite

**Custom-Engineered Products**
- Pressure relief devices developed for OEM, aerospace, energy and defense applications

**Speciality Valves**
- Buckling pin pressure relief devices from 1” to 60”

**Flamesaf™**
- Flame arresters
- Detonation arresters
- Pressure/vacuum vents

**BEHRINGER**
- Pipe and tube supports
- Clamps, hangers and trays
- Height adjusters

**MID-WEST INSTRUMENT**
- Differential pressure gauges

**REOTEMP INSTRUMENTS**
- Pressure gauges, bimetal thermometers, diaphragm seals
- Thermowells, Thermocouples, RTD’s

**SVF FLOW CONTROLS, INC.**
- Manual and actuated ball valves from ¼” - 12” (NPT and flanged)
- Economy, fire-safe, high-pressure and sanitary

**TAYLOR**
- Laboratory grade, bi-metal and industrial thermometers
- Pressure calibrators

**EGMO**
- BioPharm/Sanitary (ASME BPE) fittings, tubing and manifolds

**SciMAX**
- Semiconductor grade tubing, fittings, laterals and manifolds

**UNITED ELECTRIC CONTROLS**
- Pressure, DP, temp switches
- One Series pressure, DP, temp transmitters and switches

**STAINLESS STEEL TUBING**
- Instrument-grade tubing

For more information, contact our technical service representatives at 1-800-333-7519 or online at aci-controls.com.
INSTRUMENTATION DIVISION

AMETEK PMT DIVISION
- Pressure transducers

AZBIL
Azbil North America
- 2 wire and 4 wire magmeters
- Vortex flow meters

BADGER METER FLOW INSTRUMENTATION
- Coriolis mass flow meters
- Electromagnetic meters
- Impeller/Turbine meters
- Ultrasonic meters
- Vortex meters
- Variable area meters
- Differential pressure meters

ENERGY FLOW SYSTEMS, INC.
- Orifice plates, venturi tubes, meter tubes, flow nozzles, condensate pots

METTLER TOLEDO – PROCESS ANALYTICS DIVISION
INGOLD & THORTON
Leading Pure Water Analytics
- pH/ORP
- Conductivity
- DO, CO₂, TOC
- Turbidity
- Sensors, Controllers and Transmitters
- Gas oxygen sensors and analyzers
- Sodium and silica analyzers
- Microbial monitoring
- ISM smart sensor technology

MICHELL/ROTRONIC INSTRUMENTS
- Dewpoint, CO₂, O₂, Relative Humidity and Temperature probes, transmitters and analyzers

PYROMATION
- RTDs, thermocouples and thermowells

HONEYWELL Process Solutions
- Process Controllers and Setpoint Programmers
- Pressure, Temperature, MultiVariable and Flow Transmitters
- Industrial Wireless Transmitters and Networks
- Paperless Recorders and Data Acquisition Solutions
- Hybrid Controllers, PLCs and RTUs
- SCADA and Supervisory Software

Enraf
- Tank Gauging Solutions, with Radar and Servo Gauge Technologies
- Terminal Additive Injection Solutions
- Terminal Fuel Blending Solutions
- Terminal and Inventory Management Systems
- Small Volume Provers

THERMON
- Constant wattage, power limiting, self regulating, mineral insulated heating cables
- Tank and vessel heating panels
- Control and monitoring equipment
- Instrument tubing bundles
- Termination kits and accessories

For more information, contact our technical service representatives at 1-800-333-7519 or online at aci-controls.com.
<table>
<thead>
<tr>
<th>MAGNETROL</th>
<th>ORION</th>
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<tbody>
<tr>
<td>• Guided Wave Radar continuous level transmitters</td>
<td></td>
</tr>
<tr>
<td>• Single and Dual Point ultrasonic contact level switches</td>
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<tr>
<td>• Ultrasonic, non-contact, continuous level</td>
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<tr>
<td>• Capacitance continuous level transmitters</td>
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<tr>
<td>• Capacitance single point switches</td>
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<tr>
<td>• Caged, side mounted, and top mounted buoyancy float switches</td>
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<tr>
<td>• Displacer continuous level controllers</td>
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<tr>
<td>• Displacer single and multi-point switches</td>
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</tr>
<tr>
<td>• Through-air radar transmitters</td>
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<tr>
<td>• Thermal Dispersion mass flow transmitter</td>
<td></td>
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<tr>
<td>• Thermal Dispersion flow switches</td>
<td></td>
</tr>
<tr>
<td>• Vibrating rod level switches for solids</td>
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</tbody>
</table>

| • Magnetic level indicating chambers offered as a standalone package, or supplied with Guided Wave radar in a single or dual chamber design |
| • Jupiter Magnetostrictive continuous level transmitter |

<table>
<thead>
<tr>
<th>PRECISION DIGITAL</th>
<th>SIERRA INSTRUMENTS</th>
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<tr>
<td>• Digital panel meters and annunciators</td>
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</table>

| • Mass flow controllers |
| • Thermal mass flow meters |
| • Ultrasonic flow meters |
| • Vortex flow meters |
| • Flow conditioners |
| • Flow and level switch |
| • Control valves |
| • Flow calibrators |

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<tr>
<th>PARKER BALSTON</th>
<th>PARKER PROCESS FILTRATION</th>
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<tr>
<td>• High-purity compressed air filter assemblies</td>
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<td>• Compressed air dryers</td>
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<td>• Nitrogen generators</td>
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<tr>
<td>• Full compliance with FDA and SQF requirements</td>
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</tbody>
</table>

| • Parker Hyperchill (plus) water chillers |
| • High-efficiency, wound and pleated cartridges |

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<tr>
<th>AIRTEK</th>
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<td>• Desiccant air dryers</td>
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<td>• Inline high-temp filters</td>
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<tr>
<td>• Water separators</td>
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</tbody>
</table>

| • Compressed air filters/dryers |
| • Industrial gas generators |
| • Oil/Water separators |

For more information, contact our technical service representatives at 1-800-333-7519 or online at aci-controls.com.
COMBUSTION DIVISION

HONEYWELL
Thermal Solutions
• Commercial Combustion
  • Industrial burner and boiler control systems
  • Valves and actuators
  • Flame safeguard, fuel train components

Honeywell Eclipse
• Burners, recuperators, heat exchangers
• Fully engineered combustion systems

Hauck
• Burners and integrated combustion solutions for the asphalt and fracking industries

Krom Schroder
• Gas combustion and burner management control systems
• Filters, regulators
• Safety shut-off and control valves

Maxon
• Gas/Oil burners and valves
• Hazardous area shut off valves
• Low and ultra low NOx burners

Elster
• Gas meters, regulators and volume converters
• Flow computers, data loggers and piping systems

Exothermics
• High-efficiency heat exchangers

CINCINNATI FAN
• Centrifugal blowers and fans
• Axial fans

SPENCER TURBINE
• Engineered blower and vacuum systems
• Gas boosters

MAXITROL
• Gas regulators
• Gas filters

EQUIMETER/SENSUS
• Gas regulators
• Gas meters
• Turbine gas meters
• Diaphragm valves
• Ultrasonic gas meters
• High-pressure relief valves
• Water meters

NEW YORK BLOWER COMPANY
• Combustion Air Blowers

PIETRO FIORENTINI
• High/low capacity governor regulators
• Gas regulators
• Slam shut devices
• High-pressure regulators
• Service regulators (NYS)
• Overpressure devices

ROOTS ROTARY/ROMET
• Gas meters

For more information, contact our technical service representatives at 1-800-333-7519 or online at aci-controls.com.
VALVE DIVISION

A-T CONTROLS-TRIAC
• Floating and trunnion ball valves
• Sanitary, cryogenic and butterfly valves

BADGER METER/RESEARCH CONTROL VALVE
• Linear globe control valves to 60,000 PSI
• ¼” to 2” sizes, flange, threaded and tri-clamp
• Cryogenic and sanitary options
• Pneumatic and electric actuators
• Digital valve positioners

ISV INTERNATIONAL STANDARD VALVE
• Trunnion mounted ball valve
• Floating ball valve, flanged and threaded
• OS&Y gate and globe valves

CHAMPION VALVE
• Swing, double door and nozzle valves
• Silent check valves
• ANSI B16.34 and API 607 certified

SINCLAIR COLLINS (DIV. OF PARKER)
• Small brass and SST linear globe valves
• Diaphragm actuated process controls valves

UNION TECH MANUFACTURING
• Metal seated, high pressure/temperature ball valves
• CLVI shut off up to 4500 PSI

INLINE INDUSTRIES
• SS floating ball valves in 1, 2 and 3 piece design
• Tank bottom and sanitary valves
• High-purity ball valves for biopharma applications

NEWDELLCO
• Smith cast and forged gate, globe and check valves
• PK (Pan Korea) gate, globe and check valves
• ECON rack and pinion pneumatic valve actuators, SR and DA

ADVANCED INDUSTRIAL TECHNOLOGIES (AIT)
• Pneumatic valve actuators
• 90/180 degrees
• Rack and pinion both double acting and spring return
• Heavy duty, scotch yoke valve actuators

SCV
• Trunnion mounted ball valves to 48” CL2500
• Lubricated plug valves
• Full port swing checks
• Piston check valves to 24”, CL2500
• Bolted bonnet globe valves
• Floating ball valve to 12”, CL1500

TAYLOR VALVE TECHNOLOGY
• Conventional spring operated relief valves
• Pilot operated relief valves
• Manual and automated choke valves
• UV and NB Code stamped

For more information, contact our technical service representatives at 1-800-333-7519 or online at aci-controls.com.
DRIVE SYSTEMS
- Design, engineering and fabrication of custom industrial control panels
- UL698a Industrial Control Panels relating to hazardous duty locations (NRBX)
- Control Panel Assemblies for use in hazardous locations (NNNY)

LEESON ELECTRIC
- AC and DC motors

LEESON ELECTRIC
- AC and DC motors

YASKAWA
- Variable frequency drives

YASKAWA
- Variable frequency drives

SIMPSON ELECTRIC
- Digital and analog panel meters

QRC VALVES
- SST OSY gate, globe, check and ball valves to 1500 psi
- SST cryogenic ball valves

SIMPSON ELECTRIC
- Digital and analog panel meters

RUB
- Cast Brass Ball Valves to 2” NPT/SW
- Cast SST Ball Valve to 4” NPT
- Complete line of electric and pneumatic actuators
- 3 way and 4 way brass valves
- Needle valves

QRC VALVES
- Newco cast and forged gate, globe and check valves
- Douglas Chero forged steel gate
- TBV-critical service ball valves

TE CONNECTIVITY
- Entrelec terminal blocks

THOMAS & BETTS
- Wire and cable connectors
- Trays, Fasteners, terminations, fittings
- Power and high voltage controls
- Conduit systems, lighting, enclosures

AUTOMATION DIVISION

For more information, contact our technical service representatives at 1-800-333-7519 or online at aci-controls.com.
IDEC
- PLCs
- HMIs, Relays, Sockets, Timers, Power Supplies, Machine Safety

EATON CORPORATION
- Wiring, push buttons, relays, lighting, mini breakers and molded case breakers
- PLCs
- Electrical distribution systems
- Motor starters

PFANNENBERG
- Filter fans, cooling units, industrial air conditioners
- Chillers, heat exchangers
- Stack lights, horns/sirens

PFANNENBERG
- Filter fans, cooling units, industrial air conditioners
- Chillers, heat exchangers
- Stack lights, horns/sirens

MERSEN ELECTRICAL POWER
- Fuses, fuse holders, surge protection, low-voltage switches
- Power distribution blocks

LITTelfuse
- Fuses, Fuse blocks, holders and accessories

HAMMOND POWER SOLUTIONS
- General purpose dry type transformer
- Auto and drive isolation transformers
- Drive isolation transformers

STERLING ELECTRIC
- Stainless steel motors ranging from ¼ to 20 horsepower
- Stainless steel reducers ranging from sub-fractional inputs to 5 horsepower
- Single and double reductions 5:1 through 3600:1 ratio

HAMMOND ENCLOSURES
- Industrial enclosures and accessories

LENZE
- VFD’s, inverters, motors, gearboxes

PARKER DRIVES AND AUTOMATION
- DC and AC variable speed drives
- Stand alone and systems drives
- Micro drives
- V/Hz, open loop and closed loop vector drives

WEG MOTORS
- IEC, NEMA and general purpose AC motors
- DC motors
- Gearboxes, Gearmotors and Softstarters

WEIDMULLER
- Terminal blocks
- Heavy duty connectors
- Power bus systems
- Remote I/O
- Power supplies

ORIENTAL MOTORS
- Stepper motors
- Servo motors
- AC and gear motors
- Brushless DC motors
- Linear motion systems
- Rotary actuators
- Network gateways
- Cooling fans

RITTAL
- Industrial enclosures
- Industrial climate control

For more information, contact our technical service representatives at 1-800-333-7519 or online at aci-controls.com.
**ACI FIELD SERVICE SOLUTIONS**

ACI Controls offers a full range of consulting services for process control equipment, instrumentation, sub-assembly, design and fabrication, engineering, calibration and certification.

Our experienced field service technicians have worked in a wide variety of industries to improve customer efficiency, safety, productivity and profitability. ACI Service Solutions helps businesses scale-up and down, allowing for a controlled cost structure and minimal overhead. Each service technician is well trained and fully prepared to troubleshoot, diagnose and repair equipment while in the field; they also provide the documentation and data customers require to maintain their certifications.

The ACI Controls Team is available to assist in project definition, scope, design, execution and start up. The Field Service group is also proficient in assessing the current installed base of instrumentation and developing a plan for standardization and optimization.

**ISO 17025:2017 CERTIFICATION (PENDING)**

**CONFINED SPACE ENTRY**
- OSHA qualified and trained for confined space entry projects

**ENGINEERING**
- Design, layout and specification of equipment from P&ID’s to startup

**DRAWINGS**
- To customer standards meeting any revisions of AUTOCAD

**PROGRAMMING**
- PLC’s, controllers, SCADA systems and most packaged software

**INSTALLATION**
- On-site set-up of designated control systems

**REPAIR/REPLACEMENT**
- Of existing process equipment with a unique understanding of its characteristics or replacement of unrepairable units

**CALIBRATION**
- Verification and calibration of all process control equipment to manufacturer specifications

**COMBUSTION**
- Industrial furnace and oven service
- Control system design, engineering and installation
- Combustion tuning and repair
- Energy audits

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