



Process Technology, Inc.

SOUTH  
WEST



888-784-1131

WWW.PROCESS-TECH.COM



# PROCESS AUTOMATION SOLUTIONS

## ARMSTRONG INTERNATIONAL



Armstrong



SAGE  
An Armstrong International Company



VERIS  
An Armstrong International Company

**STEAM & CONDENSATE** - Steam Traps: Inverted Bucket, Float & Thermostatic, Disc, Radiator & Universal Mount, Trap Valve Stations, Liquid Drainers, Air Vents, Strainers, Steam Filters. Condensate Management: Pumping Traps, Custom Pump & Receiver Packages, Flash Tanks, SS Sump Ejectors. Steam-A-Ware Equipment Sizing Software

**PRESSURE & TEMPERATURE CONTROLS** - Steam & Water Pressure Reducing Valves, Temperature Regulators & Balancing Valves

**EVERACTIVE** - Battery-less Servers Continuously Stream Steam Trap Data to the Cloud, Providing 24/7 Analytics for Steam Trap Health

**HUMIDIFICATION** - Conditioned Steam Humidifiers, Gas & Electric Humidifiers with Ionic Bed Technology, Cool Fog Atomizing Systems, Clean Steam Generators, Humid-A-Ware Sizing Software

**HOT WATER GROUP** - Instantaneous Steam to Water Heat Exchangers, Washdown Hose Stations, Steam & Water Thermostatic Mixing Valves, RADA, The "BRAIN" Digital Mixing Center, Direct Gas-Fired Water Heaters, Digital-FLO Instant Water Heaters

**FLOW MANAGEMENT** - Accelabar, Verabar, Vortex Meter, Orifice Plates, Venturi Tube, ASME Flow Nozzle, Wedge Meter

## AbTech

**STORMWATER TREATMENT** - Engineered systems, storm drain inserts, environmental site solutions focused on reducing coliform bacteria, hydrocarbons, TSS, nutrients & heavy metals **OIL & GAS WATER MANAGEMENT** - Upstream, midstream & downstream water management solutions

**INDUSTRIAL WATER TREATMENT** - Filtration media solutions, water treatment systems



PREFERRED  
DISTRIBUTOR  
PROCESS INSTRUMENTATION

**PRESSURE, LEVEL & TEMPERATURE**  
Measurement Products

## METTLER TOLEDO

**ANALYTICAL INSTRUMENTATION** - pH/ORP (Redox) Probe, Dissolved Oxygen Sensors, Turbidity/Optical Density, Conductivity, Inductive Conductivity, UniCond Conductivity/Resistivity Sensors w/ ISM, Analog Conductivity Sensors, Analytical Transmitters



Non-Contact Thermometer/Pyrometer, Fixed Thermal Imaging & Line Scanner, Combustion Efficiency Monitors, Portable Gas Analyzers, Opacity & Dust Monitors



### DIFFERENTIAL PRESSURE FLOWMETERS

V-Cone, VM V-Cone, Wafer Cone

### ELECTROMAGNETIC FLOWMETERS

FPI Mag, SPI Mag, UltraMag, DuraMag

### PROPELLER FLOW METERS

Flow Straightener, McPropeller



### TURBIDITY & SUSPENDED SOLIDS MONITORING

Sediment & Erosion Control, Wastewater Process Monitoring, Filtration Monitoring & Control



**SMARTDIVER** - Tank Profiling & Interface Detection Systems for Clarifiers, Thickeners & CCD's. **CLARITY PROBES & FLOCCULANT CONCENTRATION ANALYZERS**



**TEMPERATURE SENSORS** - Thermocouples, RTD's, Thermistors, Extension Wire, Thermowells, Protection Tubes & Accessories



**TANK LEVEL GAUGING** - Liquid Level Sensors, Dual Float for Interface & Flexible Gauges



**LEVEL MEASUREMENT** - Magnetic Level Gauges, Transmitters, Site Flow Indicators and Gauges

## SIEMENS

**LEVEL** - Ultrasonic, Radar, Point Level and Continuous Level

**FLOW/PRESSURE** - Electromagnetic, Coriolis, Ultrasonic, Vortex, Variable Area, DP digital pressure transmitters, Hydrostatic Pressure

**TEMPERATURE** - Thermocouples, RTD's & Transmitters

**GAS ANALYZERS** - Extractive & In-Situ Analyzers for: HF, HCl, H2O, NH3, O2, NOX, CH4, H2 and Ar

**INDUSTRIAL BELT SCALES** - Continuous Weighing Systems, Speed Sensors & Calibration

**MORE** - Process Recording, Remote Display, Advanced Control, Valve Positioning & Automation

## VAISALA

**LIQUID CONCENTRATION** - Process Refractometers (formerly K-Patents) continuously monitor liquid concentration to ensure quality, increase uptime and accurate density measurements

## IPTI SERVICES

### START-UP + COMMISSIONING + FIELD SERVICE + CONSULTING

Factory certified **START-UP & COMMISSIONING** service on all Siemens process instrumentation, including **FIELD SERVICE** and **CONSULTING** on all our instrumentation & automation product lines

### DIAGNOSTICS + INTEGRITY SOLUTIONS EVALUATION - TRAINING - IMPLEMENTATION

Assessment of machine monitoring components, cycle time and instrumentation to ensure that all components in your system are working properly at all times.

EXPERTS AT THE HEART OF  
INDUSTRY



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## FACTORY AUTOMATION SOLUTIONS



**LOW VOLTAGE DRIVES** - Low Voltage Variable Frequency Drives, Fractional Horse up to 3000 hp, Constant & Direct Torque PLC - AC500, AC500-eCo & AC500-XC PLC Ranges Small, Middle, & High-end Applications  
**MOTION CONTROL** - Full Line of Motion Drives, Intelligent Drives, Servo Motors & Software



**COMPREHENSIVE PORTFOLIO** - Pneumatic Valves, Actuators, Air Preparation  
**IIOT GATEWAYS** - Smart Controllers, Ethernet/IP, PROFINET, OPC UA, MQTT, PLC/PAC, SCADA  
**MODULAR FIELDBUS** - I/O with M12 Connectivity Provides Plug & Play Simplicity **AF2** - Air Flow Sensor Monitor for Expensive Air Leaks Within System  
**SMART INTELLIGENCE** - Provides Predictive Diagnostics for Potential End of Life of Mechanical Components



**DIN RAIL POWER SUPPLY** - .63 to 40 Amp (15W to 960W), 100VAC to 480VAC input, 5VDC to 72VDC output, DC UPS, DC Buffer & DC to DC Modules, Redundancy Modules, Conformal Coating on Specific Models, Highest MTBF in Industry, Smallest Form Factor



**AUTOMATION SERIES** - Hi-tech features like Pivot-rotatable drives and Tension Release tool-less belt changes  
**INDUSTRIAL SERIES** - Designed for rugged and demanding environments. A wide range of solutions for any application including indexing, plastic chain, embedded drive, and heavy load carrying capacities  
**HYDROCLEAN SERIES** - Sanitary design for handling all types of applications  
**ONLINE CONFIGURATOR** - easy to use software to develop BOM, 3D CAD & Quote Template  
**10 YEAR WARRANTY - 5 DAY TURNAROUND**

**TOPWORX**  
LIMIT SWITCHES, VALVE CONTROL & PROXIMITY SENSING



**ETHERNET** - Ethernet Switches, Managed & Unmanaged, PoE, PoE+, Routers, IP67, Customs Designs  
**IIOT SOLUTIONS** - Scalable Solution, WiFi, Cellular, I/O, Cloud, Datalogging, Routing, 300+ Protocol Drivers  
**REMOTE ACCESS** - High Security via RSA Authentication, Intelligent Firewall, Up and Running in Minutes  
**HMI PANELS** - Rugged, 300+ Protocol Drivers, Datalogging, Web Server, SQL, I/O, C programming environment  
**DIGITAL PANEL METERS** - Expansive Offering of Digital & Analog Designs from 1/32 DIN to Large Displays



**ELECTRIC LINEAR MOTION** - Rodless Electro-mechanical actuators, Electric Rod Actuators, ServoWeld Actuators, Motors and Drives, Roller Screws.  
**PNEUMATIC LINEAR ACTUATORS** - Rodless Pneumatic Air Cylinders, Pneumatic Thrusters  
**POWER TRANSMISSION** - Industrial Caliper Brakes, Industrial Right Angle Gearboxes, Industrial Cone Clutches, Roller Screws



**MODULAR HARDWARE** - Quickly and easily create anything from clean rooms to robot enclosures. Extrusions, Brackets, Gussets, Plates, Fasteners, Hardware, Panels, Linear Motion, Stanchions, LED Lights, Preconfigured Assemblies and more.  
**TBUILD** - Intuitive, easy-to-use, web-based design software. Seamless creation and edit of designs, print BOM, and obtain real-time pricing.

## VALVES



**REGULATORS** - Pressure, Back Pressure, Temperature, Gas and Tank Blanketing Control Valves



Instrument manifolds, orifice block valves, gauge valves, needle valves & block and bleed valves.



**BALL VALVES** - 1/4" - 12" manually operated and actuated



**CONTROL VALVES** - Fractional Flow, Pneumatic & High Pressure  
**REGULATORS** - High Pressure, Pressure Reducing & Diaphragm Sensed.



**SANITARY** - Compressed Air & Gas Pressure Reduction Valves & Back Pressure Regulators. Low Pressure Blanketing Regulators, Control Valves, Check Valves, Ball Valves, Steam Traps & SIP Accessories



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