



Valves, Actuation,
Instrumentation and Controls



Expertise In
Engineered Plastics

Your Single Source for Manual Valves

It's more than just a valve. It keeps your process flowing.

For the right engineered plastic valve, call Simtech. From PVC and CPVC to PP, KYNAR PVDF and ECTFE, we know all the ins and outs of corrosion resistant valves and piping. Let us help you to choose the right valve for your application.

Choose Simtech for Quality, Expertise, Choice and Service

BALL VALVES

- ½" through 6"
- PVC, CPVC, PP, KYNAR PVDF, ECTFE
- 2-way & 3-way design
- Vented balls for sodium hypochlorite
- Control valves with V-Port design
- Z-Tech ball valves meets ANSI B16.1
- Optional locking handle

BUTTERFLY VALVES

- 2" through 24"
- PVC, CPVC, PP, KYNAR PVDF
- Disc designed to minimize flow loss
- Lugs available for all sizes
- Optional stem extensions
- Optional AWWA square operating nut

DIAPHRAGM VALVES

- ½" through 10"
- PVC, CPVC, PP, KYNAR PVDF, ECTFE
- Optional glass filled PP bonnet
- Ideal for slurry applications
- Gas permeability barriers
- Pneumatic and electric actuation

CHECK VALVES

- ½" through 24"
- PVC, CPVC, PP, KYNAR PVDF
- Ball, wye, wafer, and swing configurations
- Horizontal and vertical installation
- Optional spring assist



With Simtech, you can count on reliability, quality and value every time. We stand behind each and every valve we sell.

Your Single Source for Actuated Valves

We specialize in single source integrated automation. Rely on Simtech's in-house assembly and testing to deliver the highest quality and highest value for your applications.

OUR NEW MULTI-VOLTAGE ACTUATORS

offer standard features such as automatic voltage sensing, LED status lights & external DIN plugs to simplify & speed installation. Plug-and-play conversion kits enable operation in a fail-safe or a modulating mode with auto-calibration & self-resetting functions

SIMTECH'S VALVE AUTOMATION SOLUTIONS INCLUDE:

- Corrosion resistant technopolymer housings
- Electric & Pneumatic actuators
- Limit switches
- Solenoids
- 3-15psi and 4-20mA positioners
- Control relays
- Heaters and thermostats
- Feedback positioners

Rely on Simtech automation for smart actuators that are fully compatible with your system and meet process automation standards and protocols such as:

- AWWA specifications
- Modbus®
- Foundation Fieldbus™
- Profibus™
- DeviceNet™



3-Way Actuation Package



Control Valve with Electro-Pneumatic Actuation Package



Solenoid Valves



Actuated Diaphragm Valves with Limit Switch

Simtech automation provides the control you need to keep your system flowing

Rely on our expertise in even the most challenging, complex and corrosive plant environments.

Relief & Regulation

Simtech pressure relief, regulating and back pressure valves are engineered for a broad range of applications, including high-purity RODI water and corrosive chemicals.

Our full line of state-of-the-art relief and regulation solutions is available in PVC, PP, KYNAR PVDF and PTFE in sizes from ½" to 4", helping you manage even the most aggressive chemicals at temperatures up to 280°F and pressures up to 232 psi.

PRESSURE RELIEF

Prevent over pressurization and protect valuable upstream components from pressure spikes. Choose from more than 600 corrosion-resistant thermoplastic relief valves.

PRESSURE REGULATION

Control and protect critical downstream components from high pressure, low pressure and back pressure. Explore our complete line of more than 600 thermoplastic pressure regulators.



With Simtech, your piping can always handle the pressure. Tap our expertise for complete systems and application solutions

Flow Control & Flow Meters

When your systems require precise measurement and control of chemicals, fluids and ultra pure water, come to Simtech.

We offer flow control devices and flow meters in a wide range of materials, sizes and pressure ratings that fit your needs ranging from 0.80 to 13,200 gallons per hour.



Level Control & Measurement

To precisely measure and control liquid levels, we offer more than 200 sensors, switches and level controls.

Our thermoplastic flow measuring and control instruments are manufactured with precise tolerances to assure accurate measurements and a long, reliable service life.



With Simtech flow and level and controls, industrial fluids stay in the flow.

Expertise in Engineered Plastics for Everything that Flows

Simtech helps your project succeed with engineered corrosion resistant fluid and air handling systems

Valves & Automation

specializing in complete automation packages for corrosion resistant quarter & multi-turn valves

Controls & Instrumentation

regulators, flowmeters and level sensors for accurate system control and monitoring

Piping Systems

specialty single-wall & double-wall systems for high purity and corrosive applications

AirTech®

energy efficient corrosion resistant fans and air handling systems

Service & Support

engineering, custom design and fabrication, training and certification



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