



SWANSON FLO

Swanson Flo provides **innovative process control solutions** through quality equipment and experienced application engineering with an unrelenting desire to create proactive customer relationships.

Instrumentation



Process instrumentation for measurement of flow, pressure, temperature, level and analytical properties.



Liquid level gages and valves, steam gages, capacitance columns and switches, magnetic gages, armored tubular and sight flow indicators.



Low flow thermal and coriolis mass meters & controllers for gas and liquid measurement for applications in laboratory, industrial process and research & development.



Transit time and doppler ultrasonic flow meter solutions.



Comprehensive differential pressure primary elements including V-cone, wedge, averaging pitot tubes and venturi technologies.



Multi-port, block and bleed, gauge and transmitter isolation manifolds. Bar stock, needle, gauge, and orifice valves.



Ultrapure and potable water quality instruments, on-line water analyzers, measurement and control packages.



A broad array of flowmeter technologies including Coriolis, Mag, Turbine, Positive Displacement, Variable Area and Impellor.



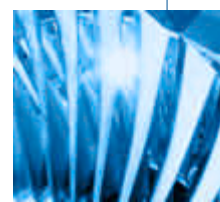
High performance thermal mass flow meters for gas flow that provide an "In-Situ Calibration Check".



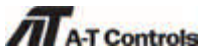
OEM pressure transducers and switches. Continuous level sensors and level switches. Flow meters and flow switches.



Temperature sensing devices. NIST traceable calibrations. Thermocouples, RTD's, custom assemblies.



Process Valves



Ball valve and actuation solutions for the process and purity markets.



Wide range of Teflon® lined ball valves.



Chemical resistant plastic-lined trunnion ball valves.



Chemical resistant, trunnion ball valves.



Resilient seated butterfly valves.



Engineered, in-line spring loaded piston check valves, vacuum breakers, low pressure relief. 3A Compliant if required.



Cast, carbon and stainless steel gate, globe and swing check valves.



Resilient seat and high performance butterfly valves, pneumatic actuators and accessories.



Resilient seated butterfly valves.



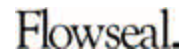
Industrial diaphragm valves and actuation systems for the process industry.



High performance butterfly, Chemical resistant lined, plug and butterfly valves.



Standard and custom configured knife gate.



High performance butterfly valves in standard and fire safe configurations.



Precision engineered check valves.



Comprehensive portfolio of direct mount ball valves and actuators.



Trunnion and floating ball and check valve products.



Comprehensive portfolio of ball valves actuation systems.



Comprehensive portfolio of ball valves and actuation systems.



Top entry severe service ball valves.



Two way and multiport rotor valves, custom valve designs.

Control Valves



Sliding gate and globe style self contained pressure regulators and control valves.



Fractional flow process control valves.



High purity control valves, pressure regulators and piping specialties. ASME BPE certified.



Worcester Controls

Quarter turn characterized ball control valves (CPT).



Hygienic diaphragm valves and process components.



An aerospace-inspired, versatile precision control valve that is "Piggable" with bubble tight shut off.



Four offset zero leakage butterfly valves.



Ball, gate, globe, and check valves.



Ball valve and actuation solutions for the process and purity markets.

Actuation & Accessories



Limitorque Actuation Systems

Multi-turn and quarter-turn electric actuators for valves and dampers.



Automax

Pneumatic and electric actuation systems for valves and dampers. Valve monitors and positioners.



Pneumatic actuators and accessories.



Pneumatic, hydraulic and electric quarter-turn and linear valve actuators.



Rack & pinion and electric quarter turn actuators and accessories.



Unique rack & pinion pneumatic actuators and accessories.



Solenoid valves for process automation.



PMV

Pneumatic and electro-pneumatic valve positioners.



Electric on/off and modulating actuators with an optional "spring return" fail state.



Monitoring and communications for discrete valves. Hazardous location wiring and fieldbus solutions.



Rack & pinion and electric quarter turn actuators and accessories.



Pneumatic and electro-pneumatic positioners for valve, damper applications.

Specialties



Steam traps, condensate pumps and recovery systems, pressure reducing valves, filters and cyclonic separators to enhance steam system performance. Steam trap survey and management.



Panalarm annunciators, Rochester Instruments power quality equipment, Scientific Columbus transducers, Jemstar revenue meters.



Compressed air and process filtration solutions for air/technical gases, liquids and steam.



Steam traps and steam conditioning equipment.



High tech 3D scanning of OEM parts, reverse and re-engineering the remanufacture of critical parts. Lower cost, faster delivery than OEM. Solving your obsolete material requirements.



Level transmitter isolation valves in a variety of materials.



Fluid loading and unloading couplings, loading arms, process visual indicators.



Precision pneumatic and electro-pneumatic controls. Transducers, regulators, volume boosters, relay controls.



Multi-brand factory trained control valve repair center

Precision, Performance, Perfection

IN-HOUSE & IN-FIELD SERVICE

- Multi-brand factory trained control valve repair center
- Foxboro Authorized Service Provider (FASP)
- Authorized Limatorque "Blue Ribbon" facility
- Valve actuation assembly and repair including field service
- Instrument field calibration, repair and troubleshooting
- Full gauge assembly and calibration
- Preventive maintenance programs
- Predictive technology

TRAINING & EDUCATION

- Product knowledge
- Maintenance operations
- On-site sessions available
- Customized, tailored

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