

LIFE SCIENCES

Caltron is recognized as a leading provider of automation solutions for Life Sciences. As an Emerson Impact Partner, we provide our Life Sciences customers with world-class technology, superior technical expertise, full lifecycle services, and local inventory to improve performance. We are ISO 9001 Certified and take pride in the quality of our employees, products, and services we represent.



- ❖ High-Quality Solenoid Valves
- ❖ SIL-Rated Controllers for Air, Gas, Water, Oil, Steam
- ❖ Pilot Valve Manifolds
- ❖ DeltaV Connectivity



- ❖ Process Management Systems
- ❖ Electronic Marshalling I/O on Demand
- ❖ Field & Plant Wireless Networks
- ❖ Advanced Control
- ❖ Batch Processing
- ❖ Enterprise Optimization Technologies
- ❖ Cybersecurity
- ❖ Electronic Logbooks
- ❖ Predictive Intelligence Solutions
- ❖ Asset Health & Performance Management



- ❖ Standalone Single PC Environment
- ❖ Multi-Node Control System Simulation
- ❖ Thorough Configuration Checkout
- ❖ Dynamic Simulation Solutions
- ❖ Powerful Operator Training Scenarios
- ❖ Real and Virtual Machine Controllers



- ❖ Sanitary Regulators
- ❖ Hygienic Ultra Clean Regulators
- ❖ Specialty Gas Regulators
- ❖ Changeover Systems
- ❖ Globe and Rotary Valves
- ❖ FIELDVUE Digital Valve Controller with HART, Wireless HART, Foundation Fieldbus Protocols



- ❖ View Device Health & Calibration Status
- ❖ Internet Connection
- ❖ Mobile-Friendly Dashboards
- ❖ Device Configuration & Commissioning
- ❖ Built-in Validation Reports
- ❖ Real-Time Condition Data



- ❖ Sanitary Valves
- ❖ Electro-Polished Internal Surfaces
- ❖ Clean-in-Place (CIP) Design
- ❖ Sanitize-in-Place (SIP) Design
- ❖ Self-Draining in Preferred Mounting Mode
- ❖ Tri-Clamp Process Connection
- ❖ 3A Sanitary Standards Inc. Compliance



- ❖ Prediction & Protection Technologies
- ❖ Continuous Monitoring
- ❖ Portable Technologies
- ❖ Wireless Vibration
- ❖ Vibration Transmitters
- ❖ Laser Alignment
- ❖ Sensors
- ❖ Certification Training



- ❖ Electronic Batch Records
- ❖ Document Management
- ❖ Weigh & Dispense / Materials Management
- ❖ Equipment Management
- ❖ Quality Review Manager
- ❖ Plant Data to Business Systems Integration
- ❖ Create, Manage, & Execute Recipes, Workflows & Orders



- ❖ Steam Traps
- ❖ Trap Monitoring
- ❖ Boiler Blow-off Valves
- ❖ Boiler Blowdown Valves
- ❖ Boiler High Pressure Globe Valves
- ❖ ARC Valves



- ❖ Sanitary Rubber Hoses
- ❖ Silicone Hoses
- ❖ Fluoropolymer Lined Hoses
- ❖ PVC Hoses
- ❖ Specialty Tubing, Fittings & Accessories



- ❖ BioClosure® System Assemblies
- ❖ Molded Filling Assemblies
- ❖ High Pressure Silicone Tubing
- ❖ Molded Manifold Connections



- ❖ Pressure and Temperature Gauges
- ❖ Seals
- ❖ Switches
- ❖ Transmitters



- ❖ EX Endurance Diaphragms
- ❖ Elastomer Diaphragms
- ❖ Unique Diaphragms Reducing Change-Outs
- ❖ Unique In-House Polymer Competence

LIFE SCIENCES



- ❖ Centrifugal & Positive Displacement Pumps
- ❖ BPE Compliant Fittings
- ❖ Mixed Proof Valves, and Strainers
- ❖ Specialized Pumps, Fittings and Tubing



- ❖ Single-Use Disposable Bags
- ❖ Custom Single-Use Bioprocess Containers
- ❖ Tank Liners
- ❖ Media and Addition Bottles



- ❖ More Than 60,000 Products
- ❖ Flexible System Cables
- ❖ PCB Terminal Blocks & Connectors
- ❖ Relay Modules
- ❖ HMIs and Industrial PCS
- ❖ I/O Systems



- ❖ Customized Automated Skid Solutions
- ❖ Sample Valves
- ❖ Thermowells
- ❖ Prototype Pieces



- ❖ Conveyorized Tunnel
- ❖ Cabinet
- ❖ Glassware
- ❖ Drum Washers
- ❖ COP Tanks
- ❖ Pallet Washers
- ❖ Exterior Vial Washers
- ❖ Personnel Decontamination Showers
- ❖ Wall Mounted Interior Tote Washers



- ❖ Peristaltic Pumps
- ❖ Tubing Pump Systems
- ❖ Pump Heads
- ❖ Drives
- ❖ Tubing
- ❖ Real-Time Pump Monitoring Via the Cloud



- ❖ Sanitary Process Piping Gaskets
- ❖ O-Rings
- ❖ Pipe Hangers
- ❖ Custom Molded Rubber Parts



- ❖ synTQ® for PAT
- ❖ Software and Hardware for Data Management and Control Architecture
- ❖ Specialist Instrumentation
- ❖ Multivariate Analysis Packages



- ❖ Sanitary & Clean Steam Valves
- ❖ Low Ferrite Cast/Forged 2 & 3-Way Ball Valves
- ❖ Fire-Rated Sanitary 2-Way Valves
- ❖ Spring-Less Poppet Check Valves
- ❖ Flush Bottom Tank Valves
- ❖ 3, 4, & 5-Way Multi-Port Valves
- ❖ 316L SST, Hastelloy™, ALX6XN, & Other



- ❖ IP-Rated Operator Stations
- ❖ OIT Terminal Services
- ❖ Sensors
- ❖ Intrinsic Safety Isolators & Zener Barriers
- ❖ Signal Conditioners
- ❖ Fieldbus Technology & HART Interfaces
- ❖ Purge and Pressurization Systems



- ❖ High-quality Sanitary Gaskets
- ❖ Hose and Hose Assemblies
- ❖ Tubing, Pump, & Filler Machine Components
- ❖ High Purity & Metal Detectable/X-Ray Inspectable Elastomeric Materials



- ❖ Performance Plastics Hoses
- ❖ Tubing Solution
- ❖ Integrated Solutions for Critical Fluid



- ❖ Sensors
- ❖ I/O Interfaces
- ❖ Communications Network Products
- ❖ Foundation Fieldbus
- ❖ DeviceNet
- ❖ ASi
- ❖ Profibus

