Testing and Laboratory Support

Solutions for Research & Development

Comprehensive Training | Technical Support | Fabrication | Engineering

Your Technical Solutions Provider

Fluid system leaks shouldn't slow you down. Instead of handling design, sourcing, and assembly in-house, partner with your local Swagelok® team. We act as an extension to R&D teams by offering hands-on support and expertise throughout the project lifecycle backed by global expertise.

How We Can Help

As your local sales and service center, Swagelok Southern California is backed by years of knowledge and experience in best practices around pressurized fluid systems used for testing and analysis. Our laboratory solutions for specific applications such as catalyst testing, analytical instrumentation, and life sciences research ensure consistent results, high purity, and minimal downtime.

Swagelok's high-performance products from regulators manufactured from corrosion-resistant alloys to hoses and flexible tubing are designed to maintain leak-tight, safe operations in high-pressure and ultra-high vacuum environments.

Also, by engaging early in the prototype phase, our team can help minimize rework and reduce time-to-market for new technologies and life sciences while ensuring compliance. **Swagelok works alongside you.**

Comprehensive Training Program

Step one of a successful fluid system is proper selection and installation of all components. Learn from Swagelok-certified trainers in courses ranging from the basics of choosing the proper tube fittings and installation to troubleshooting common issues. Teaching safety is our number one priority, followed by best practices and troubleshooting to ensure your goals are met in a production environment.

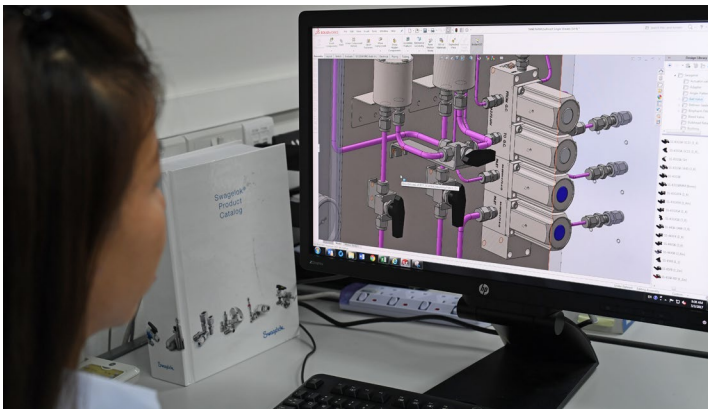
Our courses are in-depth, hands-on training classes and include all required materials, snacks, and lunch. They are limited in class size for the optimal instructor/student learning ratio and can be held at your location upon request.

- Tube Fitting Installation and Tube Bending
- Advanced Tube Bending
- Tubing System Training Program
- Orbital Welding

Assembly and Fabrication Services

Research and testing facilities are inherently complex, requiring thoughtful planning, design, and assembly. Developing an efficient fluid system means balancing safety, cost, and space. Let our certified field engineers and assembly technicians support you through system development and production.

- Product selection advice and support
- Design assistance, including CAD modeling and drawing
- Full assembly and fabrication services
- Testing and documentation options
- Backed by the Swagelok Limited Lifetime Warranty



Pre-Engineered Gas Panels for Reliable Performance

Swagelok has developed a standardized offering of gas distribution regulator panels for either inside your laboratory at the point-of-use or outside in your cylinder bays. The panels can be easily configured to your specific gas types, flow requirements and pressures, and delivered completely built and tested, also covered by the Swagelok Limited Lifetime Warranty.

- Automatic changover manifold
- Primary gas pressure control
- Point-of-use panels
- Source inlet manifolds

Similarly, our Lab Gas Control Sticks supply gas in a compact design to your lab instruments, work stations, etc.

Engineering Support for System Integrity

Local Swagelok-certified field engineers are available to evaluate your fluid systems from concept to completion. Count on us to ensure your system design is optimized, construction is performed to your specifications, and that there are no surprises during post-installation inspections. Keep your focus on the research and data analysis, and let Swagelok Southern California worry about about the details of your laboratory space.

Some of our services include:

- Compressed Gas Leak Detection
- Fluid System Evaluation and Advisory Services
- Hose Advisory Services

For your existing installations, our field engineers can review and provide vital feedback to improve or modernize safety, performance, and reduce fugitive emissions for an overall safer facility. The technical knowledge that we provide fills skills gaps and supports new lab personnel.

Contact Us

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