



**Expertise.
Experience.
Excellence.**

Swagelok® innovative, leading-edge **Application Solutions** deliver safe, reliable, leak-tight performance to optimize productivity – while significantly reducing overall operating costs – no matter how severe your fluid-system challenge.

Grab Sampling Systems

- Offered in 8 standard **Grab Sample Module (GSM)** Panel configurations that employ pressure-containing metal cylinders to provide a sample held under the same process conditions as when extracted.
- Choose from 5 standard Grab Sample Cylinder sizes, with/without purge bypass tubes.
- Available in 7 standard **Liquid-Only Sample (GSL)** Panel configurations that use non-pressure-containing glass or polyethylene bottles to provide immediate visual quality feedback to inspector – with no spillage risk or evaporation.
- All Swagelok GSM and GSL panels are leak-tested based on the selected gauge pressure of the assembly.



GSM
GSL

Mechanical Seal Support Systems

- Available in **Seal Plan Kits** that use bent tubing and 2" and under Swagelok components versus leak-prone threaded connections.

Here's just one example:



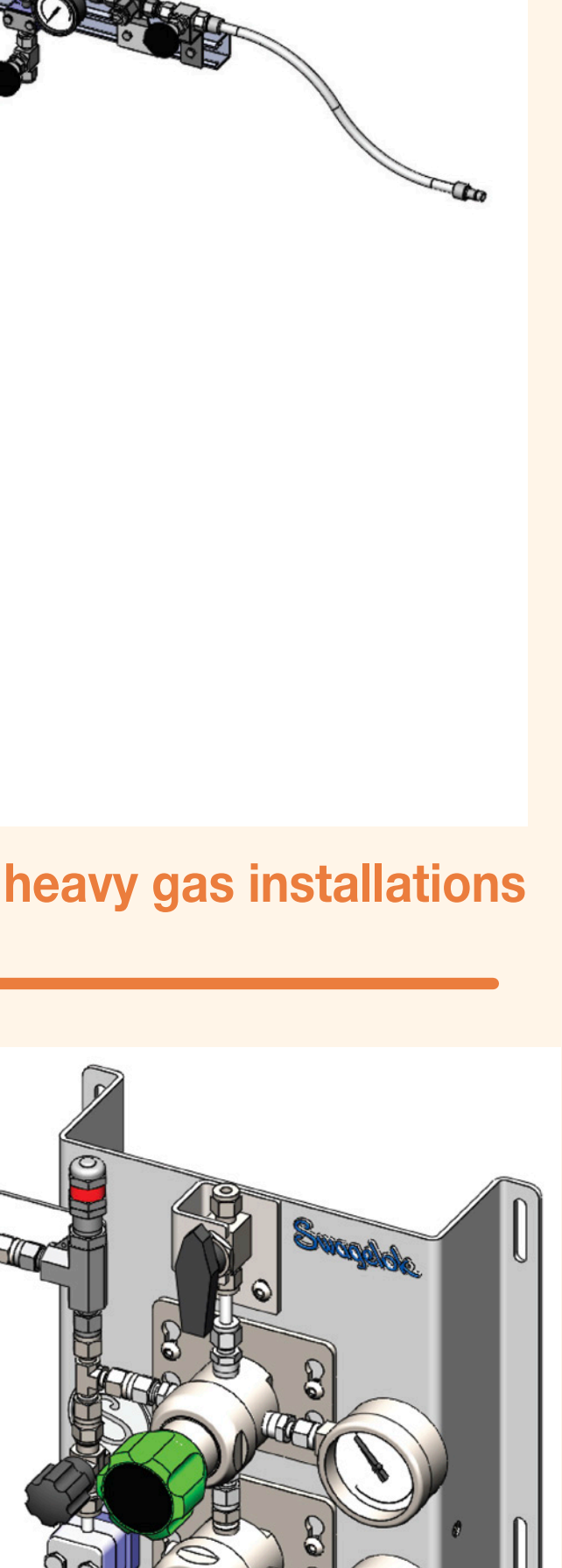
Seal Plan Kits

- For Process Side Plans 11, 12, 13, 14, 21, 22, 23, 31, and 41.
- For Atmospheric Side Plans 51, 62, 65A, and 65B.
- API 682 standard design.



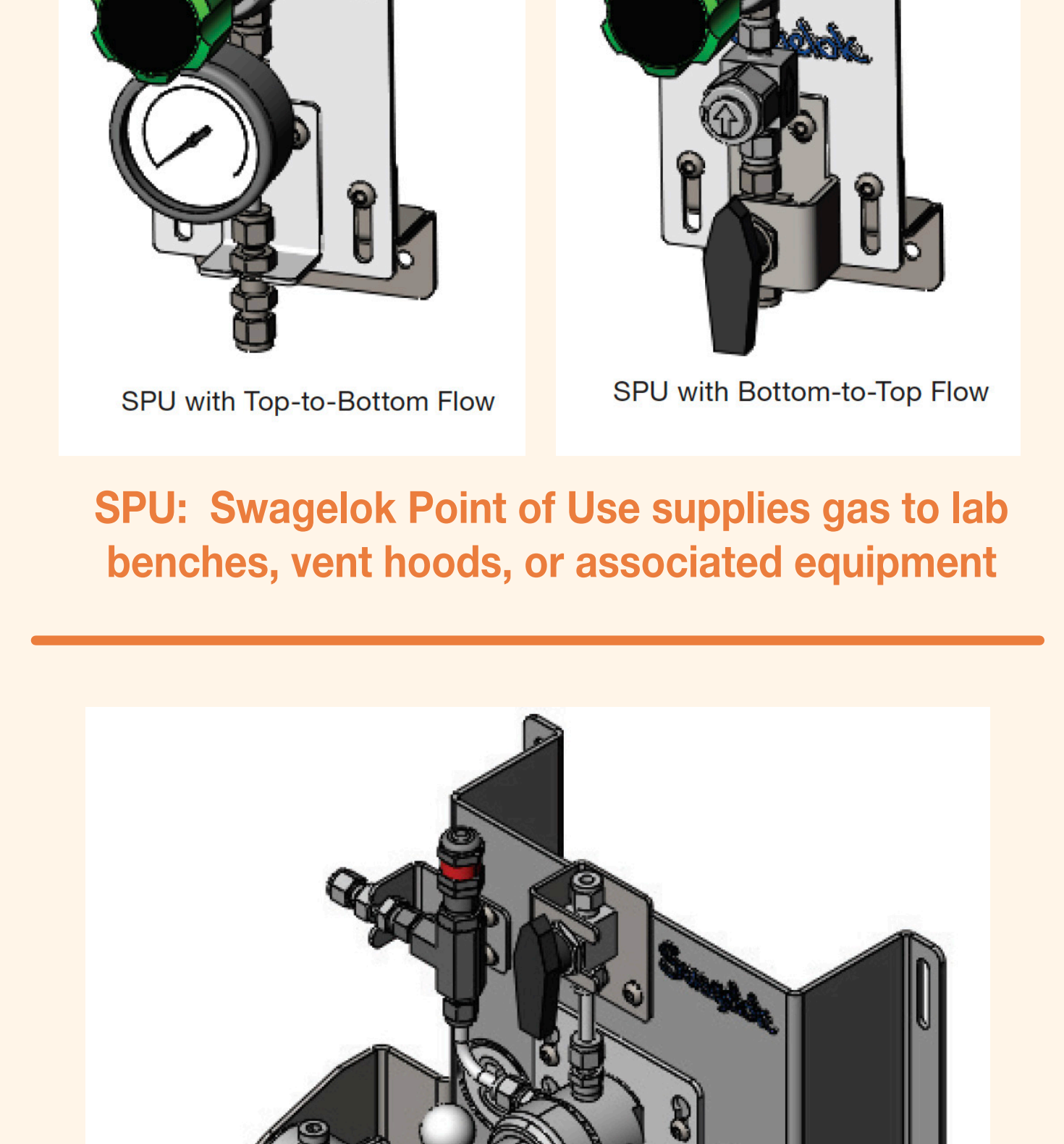
Seal Plan Assemblies

- Available in Seal Plan Panels, Seal Pots, or Skids.
- For Side Plan 32.
- For Between Seal Plans 52, 53A, 53B, 53C, 54, 55, 72, 74, 75, 76, and 72/76.
- API 682 standard design.



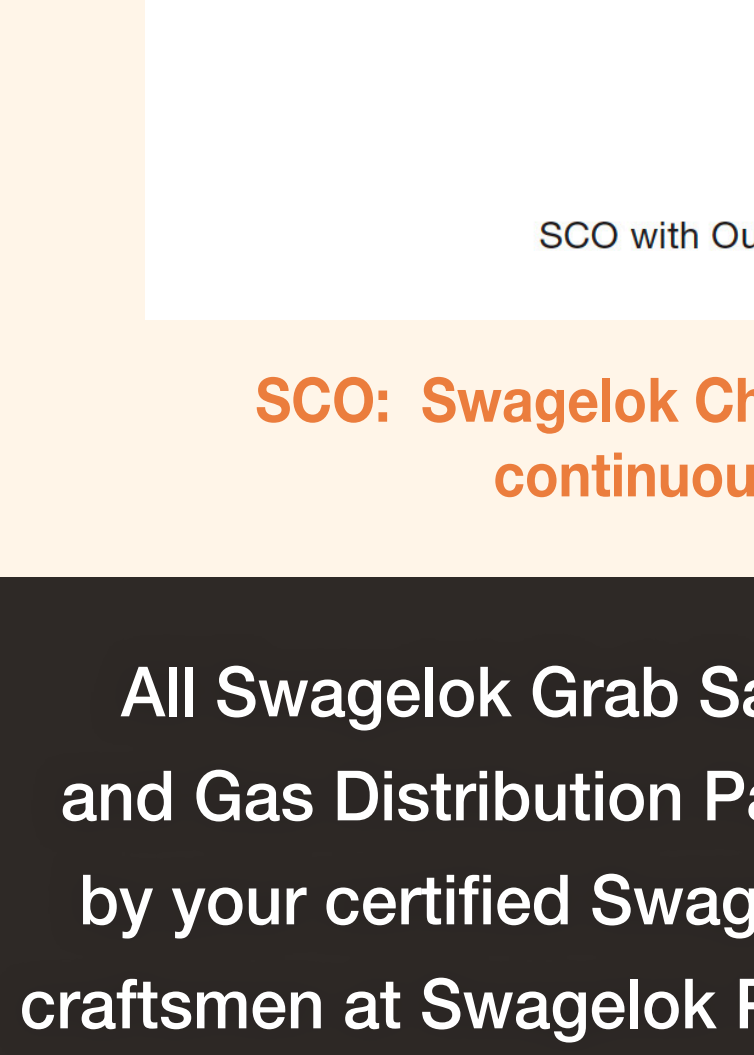
Gas Distribution Systems

- Offered in 4 standard panel designs that safely, effectively, and efficiently get gases from a high-pressure source to where they need to go – at the required pressure and flow rate.
- Highly configurable, incorporating flexible mounts and easy-to-remove/replace components for simple maintenance, when necessary.



SSI for Three Bottles

SSI: Swagelok Source Inlet for heavy gas installations



SGP Single Stage



SGP Dual Stage

SGP: Swagelok Gas Panel reduces gas pressure at or near the source prior to a larger gas distribution network

SPU with Top-to-Bottom Flow

SPU with Bottom-to-Top Flow

SPU: Swagelok Point of Use supplies gas to lab benches, vent hoods, or associated equipment

SCO with Outlet Pressure Regulator

SCO: Swagelok Changeover to ensure a continuous gas supply

All Swagelok Grab Sampling, Seal Support, and Gas Distribution Panels can be built locally by your certified Swagelok Fabrication master craftsmen at Swagelok Pittsburgh | Tri-State Area. Our work is covered by the **Swagelok Limited Lifetime Warranty.**



For complete information on our entire array of Panel Designs and Assemblies, contact:

Gary Osman,
Swagelok Field Engineer

gary.osman@swagelok.com

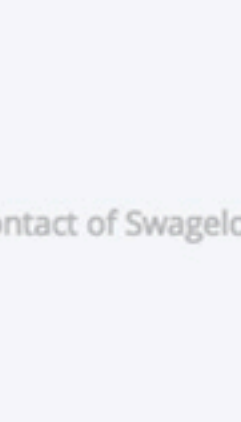
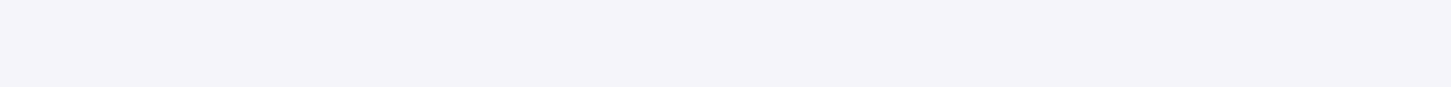


412.761.3212

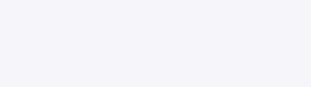
Our Promise:

In each and every customer engagement and interaction, no matter how challenging your application or operating conditions, we will deliver premier-quality Swagelok Fluid-System Product Solutions and value-added Strategic Services that will positively impact your Bottom Line.

WE'RE YOUR SWAGelok FLUID-SYSTEM SOLUTIONS PROVIDER



WE CAN HELP YOU SAVE TIME, MONEY, AND WORRY:



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