

Systemized Optimization

Part 2

Swagelok Application Solutions are your first choice for unparalleled safety, efficiency, and performance, no matter your industry or fluid-system challenge.

GRAB SAMPLING SYSTEMS

Our GSM panels

employ a closed-loop methodology to pull from a positive-pressure process before returning to a process at a lower-pressure location – driving fluid via a differential pressure. Samples are deposited into durable, pressurized metal cylinders that prevent any sample escape or the likelihood of operator injury.

- A switching two or three ball valve configuration ensures simultaneous control of fluid routing, delivering a clear indication of sequencing to minimize the chance for operator error
- A docked Grab Sample Cylinder (GSC) enables process fluid to be continually circulated to maintain process conditions
- A flow path connects to the sampler then returns to the process or flare
- Offered in 8 standard Grab Sample Module Panel configurations
- Choose from 5 standard Grab Sample Cylinder sizes, with/without purge bypass tubes
- All panels are leak-tested based on the selected gauge pressure of the assembly



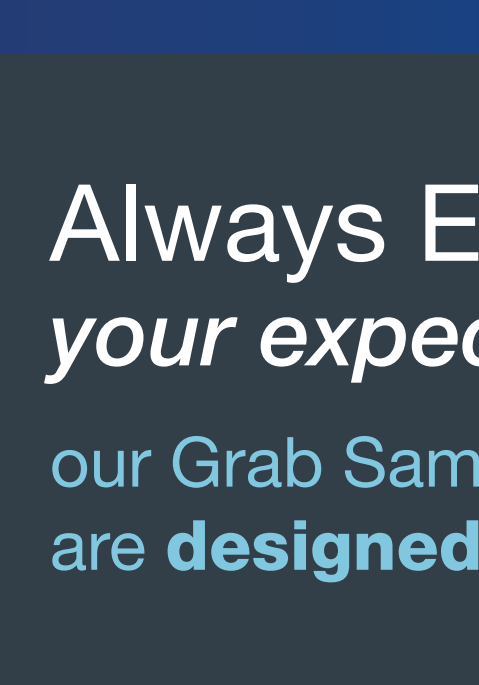
Our GSL panels

draw fluid into a non-pressure-containing bottle that has a self-sealing septum cap. Specifically for applications where process fluid is not at risk to fraction when stored at atmospheric pressure.

- Same switching configuration as the GSM means simple operation for complex tasks
- Use low-cost glass or polyethylene containers to draw/store samples, thus providing an immediate visual of stream quality
- No chance for spillage or evaporation
- Available in 7 standard Liquid-Only Sample Panel configurations
- All panels are leak-tested based on the selected gauge pressure of the assembly



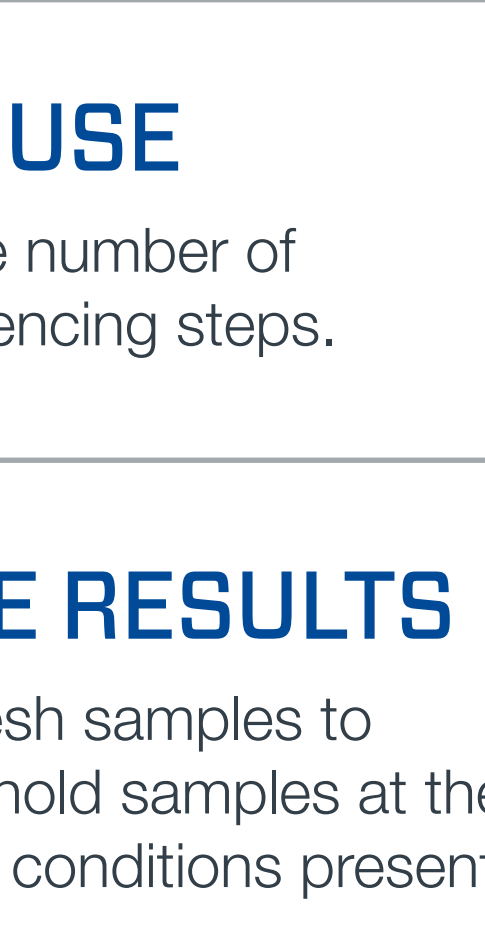
All Swagelok Grab Sampling Panels can be designed and built locally by your Swagelok-certified Fabrication master craftsmen at Swagelok Pittsburgh | Tri-State Area



Plus, our work is fully covered by the renowned Swagelok Limited Lifetime Warranty

Always Exceeding your expectations...

our Grab Sampling Panels are **designed** for:



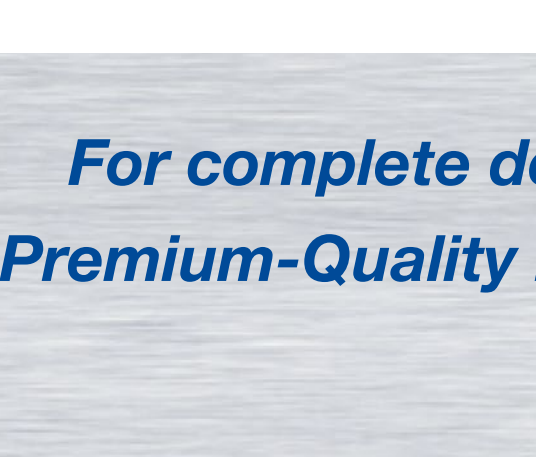
SAFETY

We prevent overfilling or overpressure conditions.



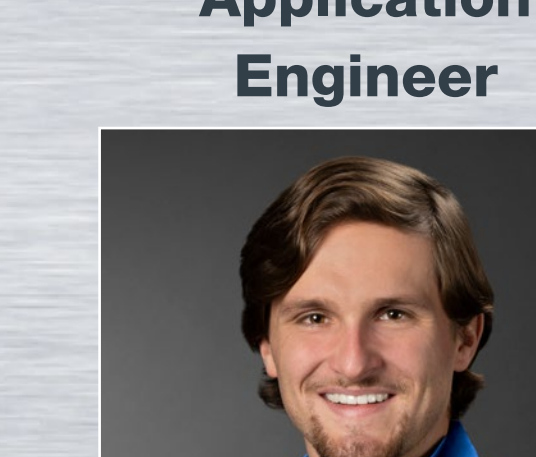
EASE OF USE

We reduce the number of required sequencing steps.



RELIABLE RESULTS

We provide fresh samples to cylinders that hold samples at the same process conditions present at sampling.



CONVENIENCE

We offer fixed-volume versions of our GSM and GSL systems.



LONG SERVICE LIFE

We expertly custom-build and test panels to ideally support your specific sampling needs.

For complete details on Swagelok Leak-Tight, Premium-Quality Instrumentation Panels, contact:

Tim Davis,
Application Engineer

tim.davis@swagelok.com

Nate Rothert,
Fabrication Projects Coordinator

nate.rothert@swagelok.com

Put our team alongside yours



WE DELIVER DIFFERENCE-MAKING SOLUTIONS:

Products | Strategic Support Services | Application Know-How



Industry-Best Componentry

Masterful Custom Fabrication

Expert Safety Training

Extensive Energy Evaluations

Unparalleled Application Knowledge

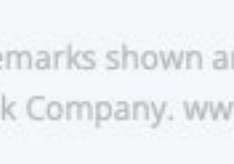
Comprehensive Hose Advisories

Proven Inventory Management Support

Genuine Swagelok Tool Rentals

The Brand. The Inventory. The Expertise.

WE'RE YOUR SWAGELOK FLUID-SYSTEM SOLUTIONS PROVIDER



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

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Swagelok Pittsburgh | Tri-State Area
9 Meade Avenue, Pittsburgh, PA 15202
412.761.3212

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