

exceedingly
ACCURATE
exceptionally
SAFE
expertly
CUSTOMIZED



If you're producing a product with a precise chemical composition, you know that a reliable and proven **Grab Sampling** process is essential for your workers' safety and your overall operational success. A single valve coming off a line, for example, will not give you a trusted sample. You need a system masterfully designed with pressure, time delay, temperature, hazardous materials, materials of construction, surface treatments, and purging ALL thoroughly and carefully considered.

SWAGELOK GSM

GRAB SAMPLE MODEL PANELS

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, pressure-rated metal cylinders that prevent any sample escape or the likelihood of operator injury.



- A switching two or three ball valve configuration that 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) where process fluid is continually circulated to maintain process conditions
- A flow path connects to the sampler then returns to the process or flare



SWAGELOK GSL

GRAB SAMPLE LIQUID PANELS

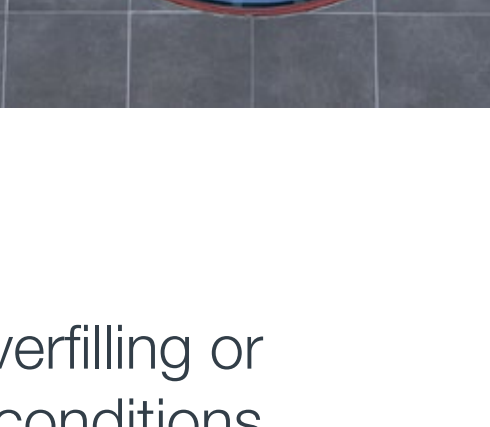
Our GSL panels draw fluid into a non-pressure-containing bottle that has a self-sealing septum cap. Specifically for applications where process fluid is not at risk to fraction when stored at atmospheric pressure.

- 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



Always Exceeding
your expectations...

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



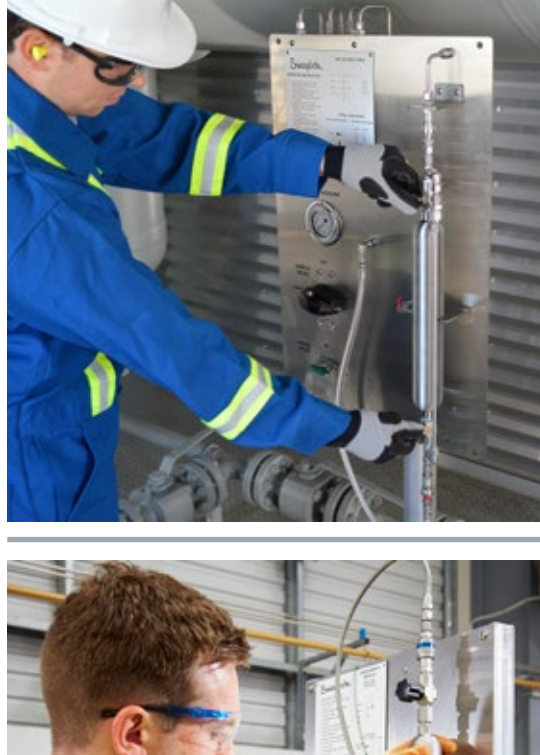
SAFETY

We prevent overfilling or overpressure conditions.



EASE OF USE

We reduce the number of required sequencing steps.



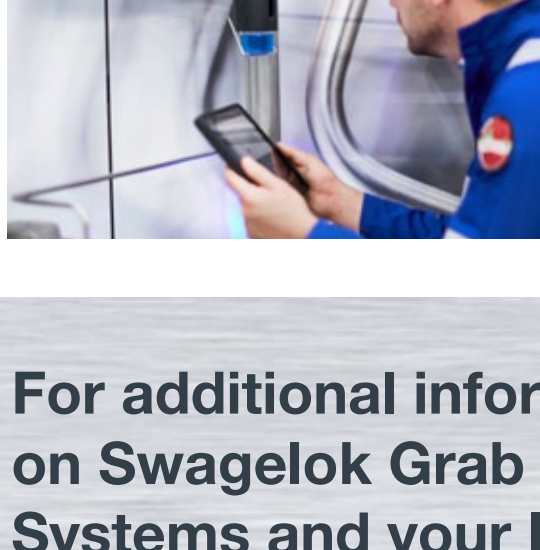
RELIABLE RESULTS

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.

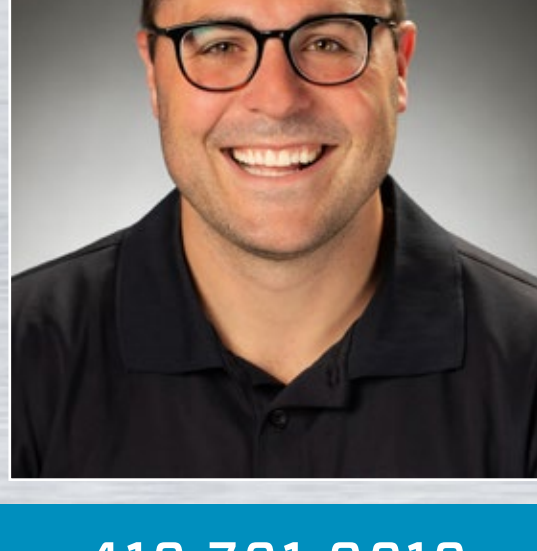


LONG SERVICE LIFE

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

For additional information on Swagelok Grab Sampling Systems and your local Design & Build Panel/Fabrication Services, contact:

Gary Osman,
Swagelok Field Engineer



gary.osman@swagelok.com

412.761.3212

WE DELIVER
DIFFERENCE-MAKING
SOLUTIONS:

Products | Strategic Support Services | Application Know-How



The Brand. The Inventory. The Expertise.

WE'RE YOUR SWAGELOK FLUID-SYSTEM SOLUTIONS PROVIDER



Industry-Best Componentry



Masterful Custom Fabrication



Expert Safety Training



Extensive Energy Evaluations



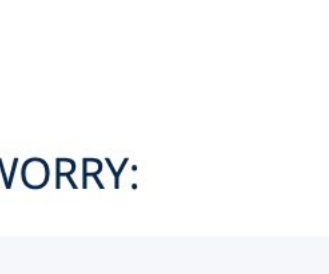
Unparalleled Application Knowledge



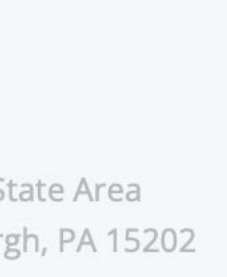
Comprehensive Hose Advisories



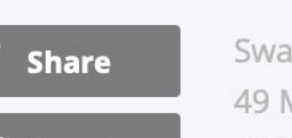
Proven Inventory Management Support



Genuine Swagelok Tool Rentals



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