GSL5

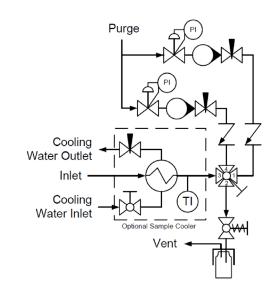
Liquid Sampler with Back Purge

Panel Recommendations

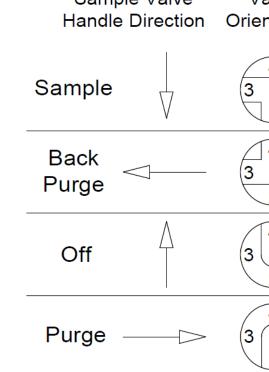
- Used in general liquid sampling applications.
- Purge and back purge allow both the needle and inlet line to be purged before and/or after sample collection.
- Recommended for non-toxic liquids with long stagnant sample inlet lines.
- Not recommended for processes that cannot tolerate the introduction of purge gas.

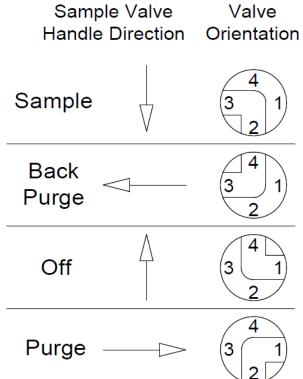


Flow Schematic



Valve Schematic







Swagelok London

Liquid Bottle Sampler

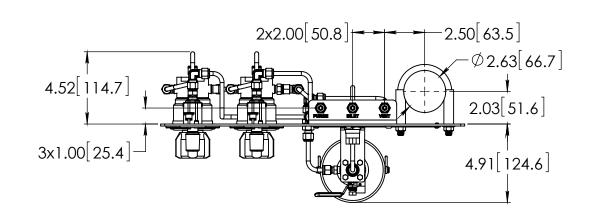
GSL5

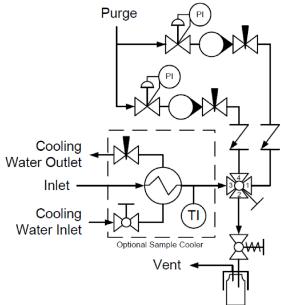
Liquid Sampler with Back Purge

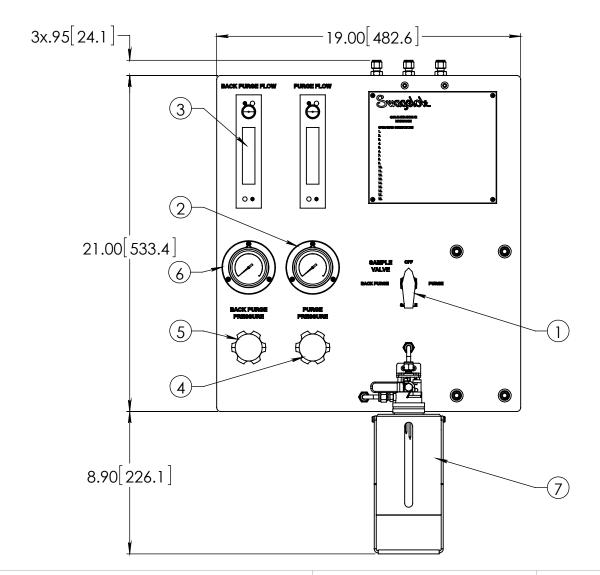
Panel Operation

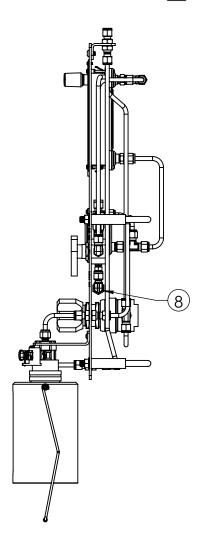
- 1. Insert and secure bottle in fixture.
- 2. Switch Sample Valve to BACK PURGE position.
- 3. Adjust Back Purge Pressure and Back Purge Flow as necessary.
- 4. Switch Sample Valve to SAMPLE position.
- 5. Hold valve open on fixture to take sample.
- 6. After dispensing sample, release valve on fixture.
- 7. Switch Sample Valve to PURGE position.
- 8. Hold valve open on fixture to purge fixture.
- 9. Adjust Purge Pressure and Purge Flow as necessary.
- 10. Release valve on fixture.
- 11. Switch Sample Valve to OFF position.
- 12. Remove bottle from fixture.

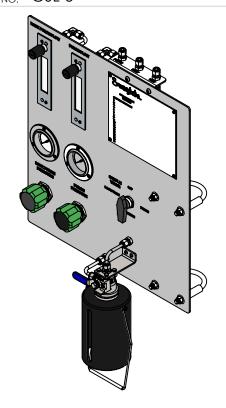












BILL OF MATERIAL			
<u>ITEM</u>	PART NUMBER	DESCRIPTION	QTY.
1	SS-43YTLF2-10147	43 SERIES 4-WAY BALL VALVE	1
2	PGI-63S-BG1-BAQX-G	S MODEL GAUGE, 0-1 BARG	1
3	VAF-G2-05L-1-0-WZ	G2 MODEL FLOWMETER, .1 - 1.0 NL/M AIR	2
4	KPR1CJA412A60000	KPR SERIES REGULATOR, 0-10 PSIG	1
5	KPR1FJA412A60000	KPR SERIES REGULATOR, 0-100 PSIG	1
6	PGI-63S-BG10-BAQX-G	S MODEL GAUGE, 0-10 BARG	1
7	SS-MVS-32OZ-32-S4-S4-VI	MVS SAMPLE VALVE, 320Z BOSTON ROUND (SENTRY)	1
8	SS-CHS4-1/3	CH SERIES CHECK VALVE	2
9	SS-400-2R-4	400 SERIES ADAPTER ELBOW	2
10	SS-4-TA-1-2	1/4" TA MALE ADAPTER	3
11	SS-400-1-2	400 SERIES MALE CONNECTOR	1
12	SS-400-9	400 SERIES UNION ELBOW	4
13	SS-400-2-4	400 SERIES MALE ELBOW	3
14	SS-400-3	400 SERIES UNION TEE	3
15	SS-400-1-4	400 SERIES MALE CONNECTOR	2
16	SS-4-TA-1-4	1/4" TA MALE ADAPTER	3
17	SS-400-61	400 SERIES BULKHEAD UNION	5
18	304-GSL-PANEL-5	MOUNTING PANEL, 304 SS	1
19	304-GSL-BRKT-3	BULKHEAD BRACKET, 304 SS	1
20	3042T57	2" PIPE CLAMP, 304 SS	2
21	98164A133	#8-32 x 1/4" BHCS, 18-8 SS	2
22	97763A262	1/4-20 x 3/8" BHCS, 18-8 SS	2
23	98164A106	#6-32 x 1/4" BHCS, 18-8 SS	10
24	SS-T4-S-035-20	1/4" X .035 SS TUBING	162.36 in.

CONCEPT DRAWING

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- DRAWING NOT TO SCALE. DIMENSIONS ARE INCHES
- NEXT TO [MILLIMETERS].

 DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.

THIS ASSEMBLY DESIGN, FUNCTION, AND APPLICATION ARE THE EXPRESS SOLE RESPONSIBILITY OF THE PURCHASER. PURCHASER IS SOLELY RESPONSIBLE FOR THE FIT AND FUNCTION OF ANY *PURCHASER SPECIFIED* COMPONENTS.

DRAWN BY	TITLE
KEV Mar-3-17	LIQUID GRAB SAMPLE PANEL
APPROVED BY	PART NO. GSL-5