# GSM-L-2(-P)

Continuous Flow Liquid Sampler with Purge

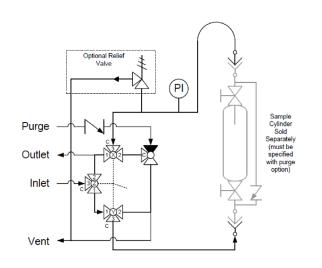
### **Panel Recommendations**

- Used in general liquid sampling applications when continuous flow is required from inlet to outlet.
- Purge option (using a gas or solvent) clears the sample fluid from the sample transport lines before and/or after sample collection.
- Recommended for liquids that are toxic and may settle in the sampler.
- Suggested for samplers installed directly in the sample stream, on a fast loop, or where long sample transport lines are used.

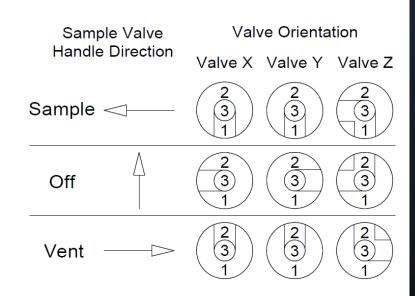




#### Flow Schematic



#### Valve Schematic



### Liquid Cylinder Sampler

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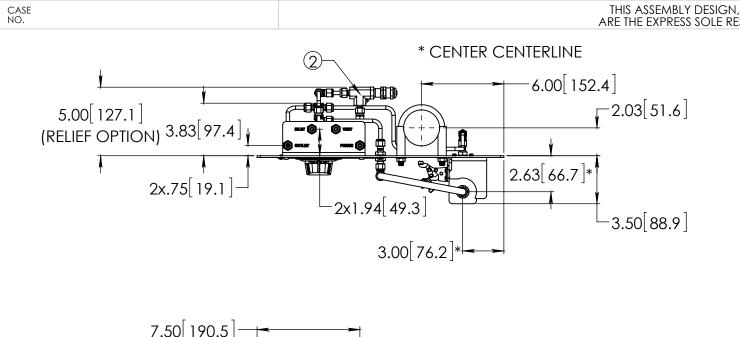
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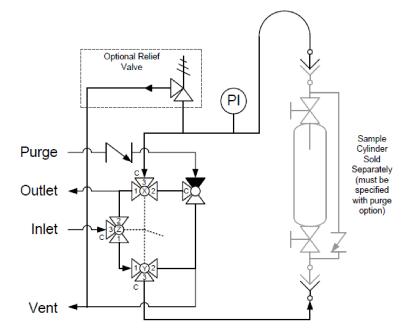
## **Panel Operation**

- 1. Turn Sample Valve to VENT position and Purge Valve to OFF position.
- 2. Connect sample cylinder to quick connect on panel.
- 3. Hold cylinder and close clamp to secure.
- 4. Connect hose to cylinder.
- 5. Open cylinder valves and turn Sample Valve to SAMPLE position.
- 6. Allow fluid to flow until cylinder is full.
- 7. Turn Sample Valve to OFF position and close cylinder valves.
- 8. Turn Sample Valve to VENT postition and Purge Valve to ON position.
- 9. Purge System, then turn Purge Valve to OFF position.
- 10. Disconnect hose from cylinder.
- 11. Hold cylinder, open clamp, disconnect quick connect on panel and remove cylinder.

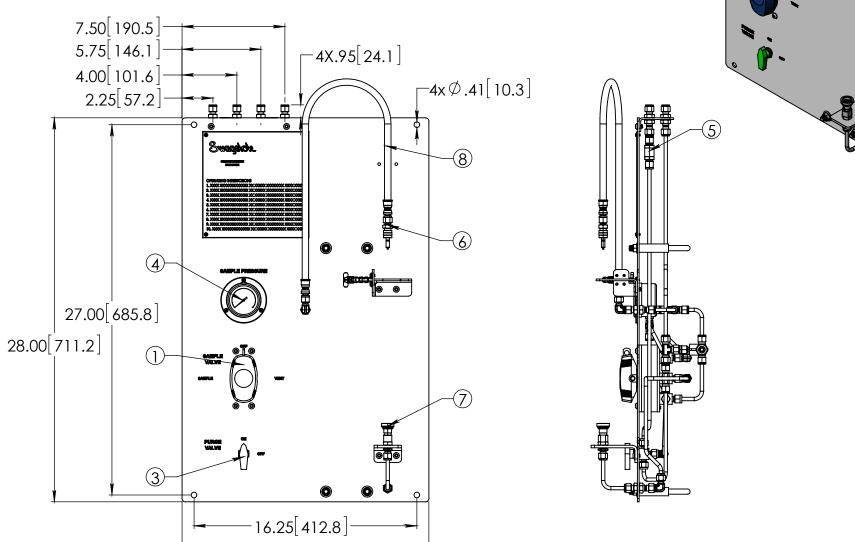


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ITEM	PART NUMBER	DESCRIPTION	QTY.
1	SS-GSM-VALVE-3	43G SERIES 3-VALVE GEARED ASSEMBLY	1
2	SS-4R3A-SETA	R SERIES RELIEF VALVE, PRESET TO 10 BARG	1
3	SS-42GXLS4-GR	42G SERIES 3-WAY BALL VALVE	1
4	PGI-63S-BG10-BAQX-G	S MODEL GAUGE, 0-10 BARG	1
5	SS-CHS4-1	CH SERIES CHECK VALVE	1
6	SS-QC4-D-400	QC4 SERIES QUICK CONNECT STEM	1
7	SS-QC4-B1-400	QC4 SERIES QUICK CONNECT BODY	1
8	SS-FL4TA4TA4-30	FL4 SERIES HOSE, 30" LONG	1
9	SS-400-2R-4	400 SERIES REDUCER ELBOW	5
10	SS-400-61	400 SERIES BULKHEAD UNION	6
11	SS-400-3	400 SERIES UNION TEE	5
12	SS-401-PC	400 SERIES PORT CONNECTOR	3
13	304-GSM-PANEL-P	MOUNTING PANEL, 304 SS	1
14	304-GSM-BRKT-8	BULKHEAD BRACKET, 304 SS	1
15	304-GSM-BRKT-5	2" CYLINDER BRACKET, 304 SS	1
16	304-GSM-BRKT-2	QC4 QUICK CONNECT BRACKET, 304 SS	1
17	305-U	COMPACT CLAMPING	1
18	98164A106	BHCS #6-32 Thread	7
19	3042T57	2" PIPE CLAMP, 304 SS	2
20	SS-T4-S-035-20	1/4" X .035" SS TUBING	169.81 ir

CONCEPT DRAWING

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- DRAWING NOT TO SCALE.
- DIMENSIONS ARE INCHES

18.00 457.2

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	
CZD Mar-6-17	SMAPLE GRAB MOUDLE	
APPROVED BY	PART NO. GSM-L-2-XXX-XXXXP-S4	REV -