

# Sample Gas Filter

## SGF1



SGF1



### TECHNICAL SPECIFICATION

<b>General</b>	Mounting	Wall
	Sample	Gas
<b>Connection</b>	Sample Gas Inlet	1/4" NPT(F)
	Sample Gas outlet	1/4" NPT(F)
	Moisture detector	1/4" NPT(F)
	Drain	GL25-10 (For model 2)
<b>Material</b>	Filter Top	PVDF (SS 316 on request)
	Filter body	Glass (Teflon, SS 316 on request)
	Filter Element	Glass micro fiber
<b>Functionality</b>	Pore Size	Less than 2 micron
	Surface Area	79cm <sup>2</sup>
	Ambient or media Temp	80°C (Max.)
	Pressure	Upto 4 bar (Max.)

### FEATURES

- » Used in analyzer gas conditioning
- » Used as a volume chamber also
- » Optional condensate drain port
- » Optional moisture detector port
- » Wall mount

### ADVANTAGES

- » Ease of maintenance
- » Housing options available
- » Compatible with Hot & Acidic Gases
- » Folded Construction
- » The filter element can be replaced without the help of any tool
- » More surface area for fast response

### DESCRIPTION

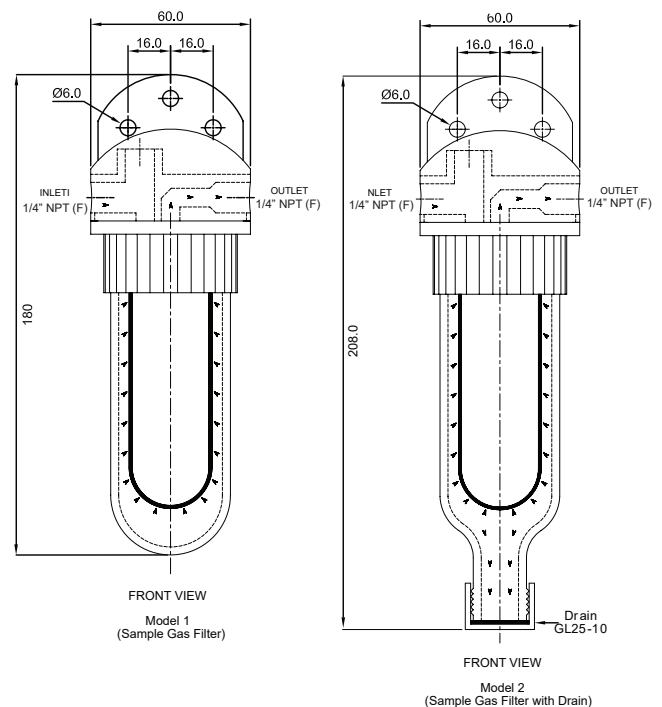
The reliable and long-term operation of any process analyzer depends upon the efficiency of the sample conditioning system for which dust, Solid particulate, and moisture-free sample gas is essential.

SGF1 is equipped with an efficient filter to provide dust, solid particulate, and moisture-free sample gas by ensuring the security of the analyzer.

The folded construction of the filter and compatibility of the design filter components like filter top, filter element, and filter glass body was designed in such a way to ensure easy mounting and trouble-free / tools less maintenance.

This filter can be used as a separator (Without a filter element), liquid filter, and absorption cartridge. Can be used as an absorption filter.

### DIMENSION DETAILS



**ORDERING INFORMATION**

<b>SGF1</b>								
		<b>Filter Top Material</b>						
0		PVDF						
1		SS 316 (Note)						
		<b>Filter Body Material</b>						
0		Glass						
1		Teflon						
2		SS 316 (Note)						
		<b>Type of Filter</b>						
0		With Filter Element						
1		Without Element (As a Volume Chamber)						
		<b>Filter Element</b>						
0		Without Element						
1		Glass micro fibre						
		<b>Condensate Port</b>						
0		Without						
1		with						

Note: SS 316 Filter top design only with SS 316 Filter body

**SPARE**

Description	Part No.	Qty.
Glass micro Fiber element (1 pkt=5nos.)	ASPL3393-PACK	1 pkt

**APPLICATION DIAGRAM**

