



# Analyzer Panel Filters

## PRODUCT FEATURES / BENEFITS

- ◆ Compact Footprint Provides Versatile Installation
- ◆ Break No Connections When Servicing Filter Element
- ◆ Low Internal Volume for Quick Response Time
- ◆ Hollow Tie Rod Provides Added Protection to Carry-Over During System Start-Ups
- ◆ Ideal for Compact Analyzer Cabinets
- ◆ Pre-Filter for Guardian Membranes
- ◆ Multi-Port Analyzers

The 170 Series offers a compact and versatile solution for modern sample conditioning systems. Designed for inverted (upside-down) or horizontal installation, all connections—including inlet, outlet, drain, and bypass—are located in the head, allowing element servicing without breaking any connections.

A key feature of this design is the hollow tie rod on the outlet side, which directs the filtered stream to the highest point within the vessel. This reduces liquid and solid carryover during system start-ups or upset conditions. A wide variety of filter elements and materials are available to meet specific process requirements.



Housing Model	170 (Four Port)	170LB (Four Port)
Port Size (NPT)	1/4"	1/4"
Drain / By-Pass	1/4"	1/4"
Maximum Pressure (psig)	1500	1500
Internal Volume (cc)	45	65
Weight of Housing (lbs)	1.5	2.5
Principle Dimensions: (inches)		
Center Of Port To Head	0.43	0.43
Head Diameter	2.12	2.12
Overall Length	3.23	4.37
Element Removal Clearance	1.65	2.83
Maximum Temp. (400°F) Standard Viton O-Ring	GV170	GV170
Filter Element Codes: Coalescing Element (Standard) <b>*Other Elements Available - View Drawing</b>	22-35-50CS	22-64-50CS
<b>Drawing</b> **For More Detail & Options**	<b><u>170</u></b>	<b><u>170LB</u></b>