



Posiseal Lab Filter Housing Product Data Sheet

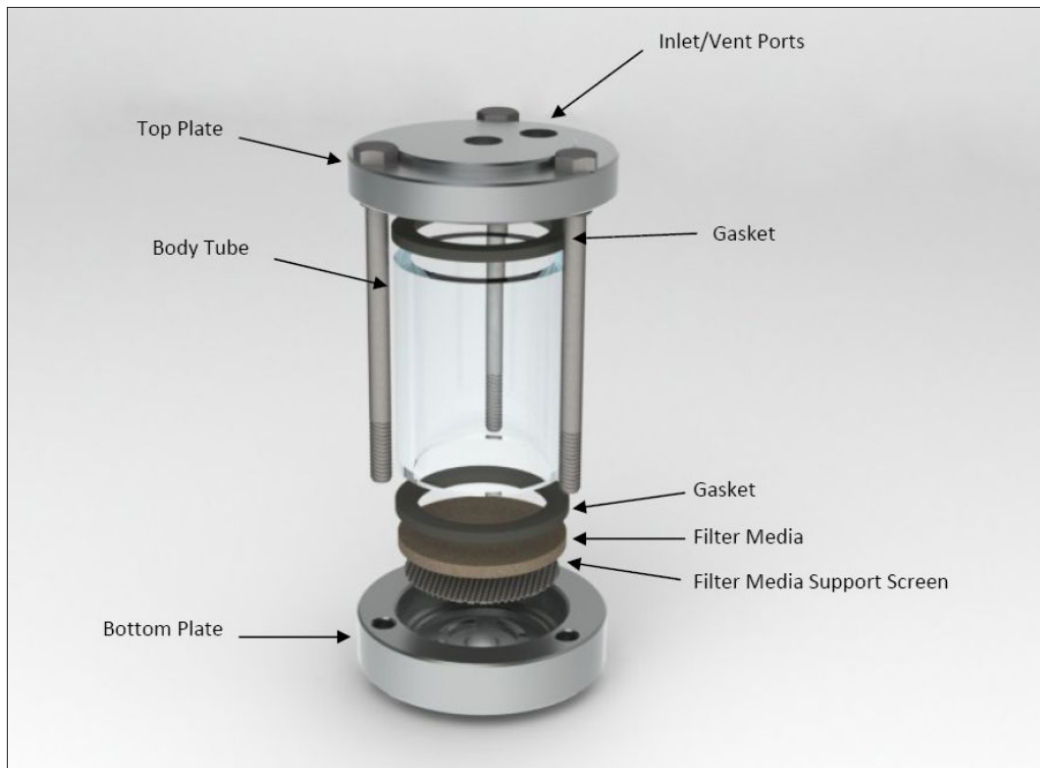
Posiseal Filter Housings are designed for lab-scale and small-scale filtration production trials specifically helpful for evaluating Gusmer Enterprises' Cellupore filter sheets, Cellu-Stack® filter cartridges, and Cellu-Flo filter aids. These versatile filter housings are available in 3 different diameter sizes to fit your lab process needs. Posiseal filter housings provide the means to conduct filtration trials to determine the optimum grade of filter media for specific applications as well as small volume production.



SPECIFICATIONS

Base Model	PSS2H	PSS3.5H	PSS7H
Media Size	2 in (5.1 cm) diameter	3.5 in (8.89 cm) diameter	7 in (17.78 cm) diameter
Effective Filtration Area	0.014 ft ² (13.0 cm ²)	7.09 in ² (46.6 cm ²)	29.2 in ² (188.5 cm ²)
Volume	80 mL	300 mL	2 L
Max. Operating Pressure	50 psi (3.4 bar)	50 psi (3.4 bar)	50 psi (3.4 bar)

Available Body Tube Material	Acrylic	Pyrex	Stainless Steel
Max. Operating Temp.	150° F (66° C)	350° F (177° C)	350° F (177° C)





A base unit consists of stainless steel head and base plates, a body tube, a support screen, gaskets, retainer bolts and nuts, and hose fittings. Gusmer also offers a variety of gasket choices and body tube lengths to fit your specific application. In addition, accessory stand and gauge kits are available. Refer to the *Configurations and Parts* chart on the back of this document when exploring the options for your optimal housing. Contact your Gusmer Representative to help you determine your ideal housing configuration.

AVAILABLE CONFIGURATIONS & PARTS

	PSS2H	PSS3.5H	PSS7H
Gasket, 1/8" EDPM	√	√	√
Gasket, 1/8" Viton	√	√	√
SS Filter Support Screen	√	√	√
Body Tube, 1" long Pyrex	√ (30 mL)	NA	NA
Body Tube, 1.5" long Pyrex	√ (50 mL)	NA	NA
Body Tube, 2.5" long Pyrex	√ (80 mL)	√ (300 mL)	NA
Body Tube, 4" long Pyrex	NA	√ (480 mL)	√ (2 L)
Body Tube, 6" long Pyrex	NA	√ (700 mL)	NA
Body Tube, 15" long Pyrex	√ (500 mL)	NA	NA
Body Tube, 4" long Acrylic	NA	√ (400 mL)	√ (2 L)
Body Tube, 4" long 304SS	NA	NA	√ (2 L)
1/8" Hose Barb x 1/4" NPT SS Fitting	√	√	√
1/4" Hose Barb x 1/4" NPT SS Fitting	√	√	√
1/4" NPT SS Plug Fitting	√	√	√
SS Bolt and Nut Set for 1" body tubes	√	NA	NA
SS Bolt and Nut Set for 1.5" body tubes	√	NA	NA
SS Bolt and Nut Set for 2.5" body tubes	√	√	NA
SS Bolt and Nut Set for 4" body tubes	NA	√	NA
SS Bolt and Nut Set for 6" body tubes	NA	√	NA
SS Rod and Nut Set for 12" body tubes	NA	√	NA
SS Rod and Nut Set for 15" body tubes	√	NA	NA
Stud and Nut Set for 4" body tubes	NA	NA	√
Stud and Nut Set for 12" body tubes	NA	NA	√
Stand with 4" legs	√	√	NA
Stand with 8" legs	√	√	NA
Replacement legs - 4" long	√	√	√
Replacement legs - 8" long	√	√	NA
Ring Stand Mounting Kit	NA	√	NA
Pressure Gauge Assembly (gauge, vent valve, fittings)	√	√	√
0 - 60 psi Pressure Gauge, glycerin filled	√	√	√
Vent Valve	√	√	√

Important Note: Gusmer Enterprises, Inc. provides this information to the best of our knowledge. This information does not claim to be complete and Gusmer Enterprises, Inc. cannot assume liability for improper use. All users are advised to test products to meet their specific needs.



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