



Laboratory

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## Pall Laboratory Manifold

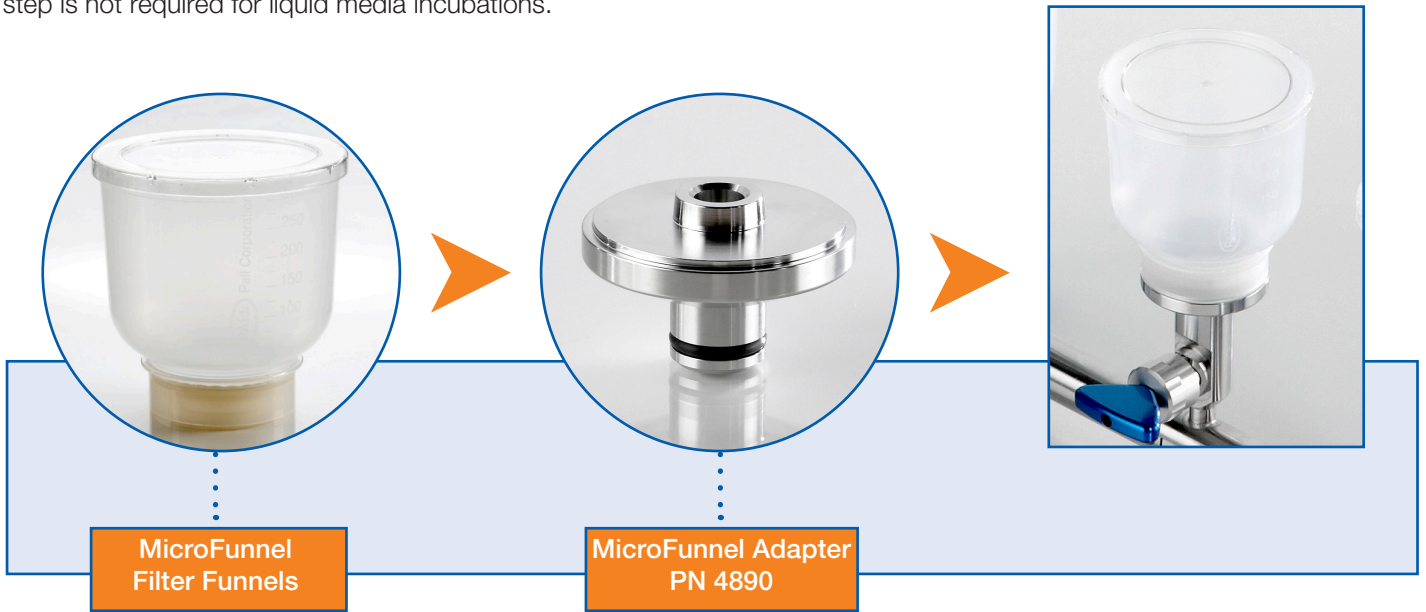
**Flexibility Comes in Stainless Steel**



*Filtration. Separation. Solution.<sup>SM</sup>*

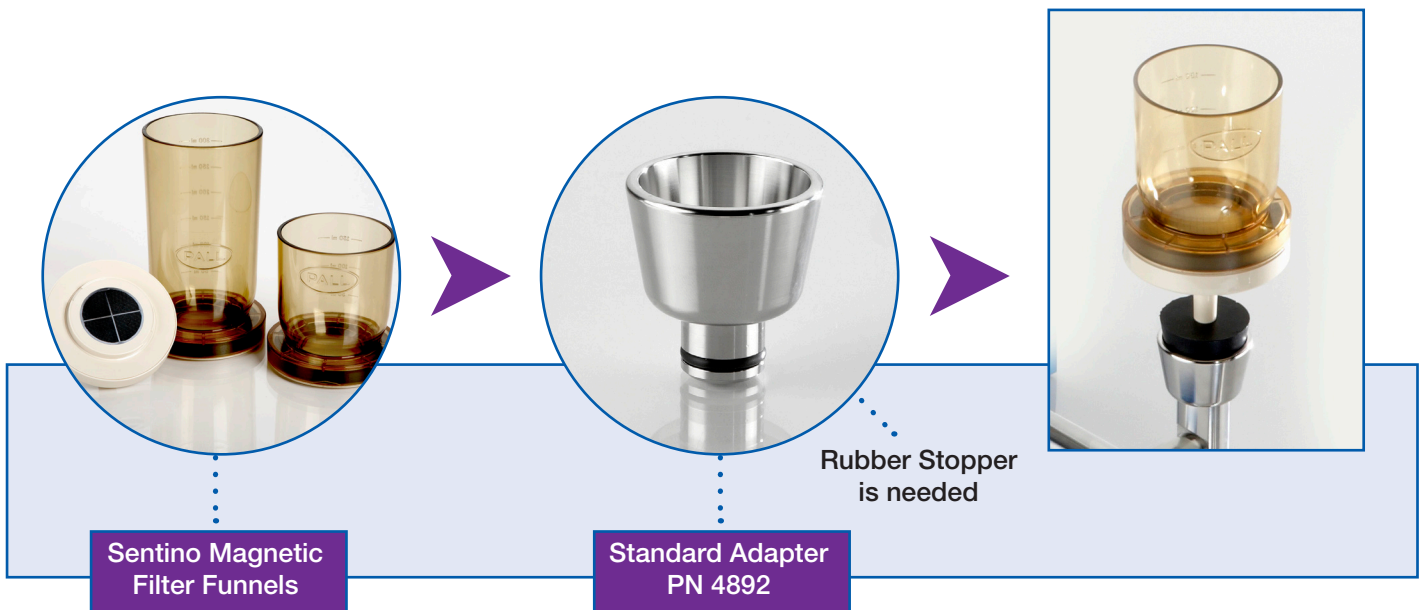
## Filtration Options to Meet Every Application

Disposable and gamma irradiated our MicroFunnel filter funnels are available for use with our MicroFunnel adapter PN 4890 in applications including bioburden, spoilage microorganisms and potable water testing. Options include multi-layer packaging for less wiping down in our ST line, vented caps with a sample cup and filter in one for water sampling in our Plus line and finally integrated petri dishes across all our MicroFunnel filter funnels when used with our lid kit, so the membrane removal step is not required for liquid media incubations.



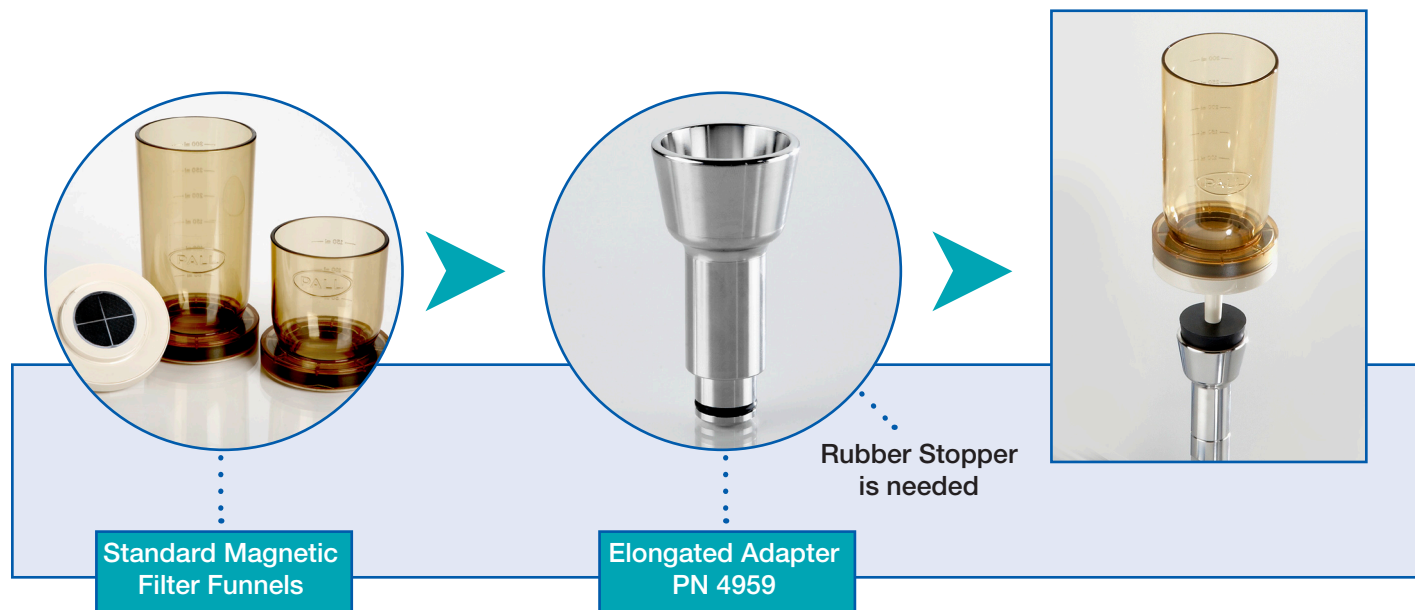
## Seamless With Sentino®

You may have a Pall Sentino pump and dispenser you are using with our Sentino filter funnels or magnetic funnels, but are looking to increase capacity. No problem--manifold adapters (PN 4891) are available for use with the Sentino filter funnels and the Sentino magnetic funnels will work with our standard adapter (PN 4892) and #8 stopper. This means no need change to a different funnel configuration!



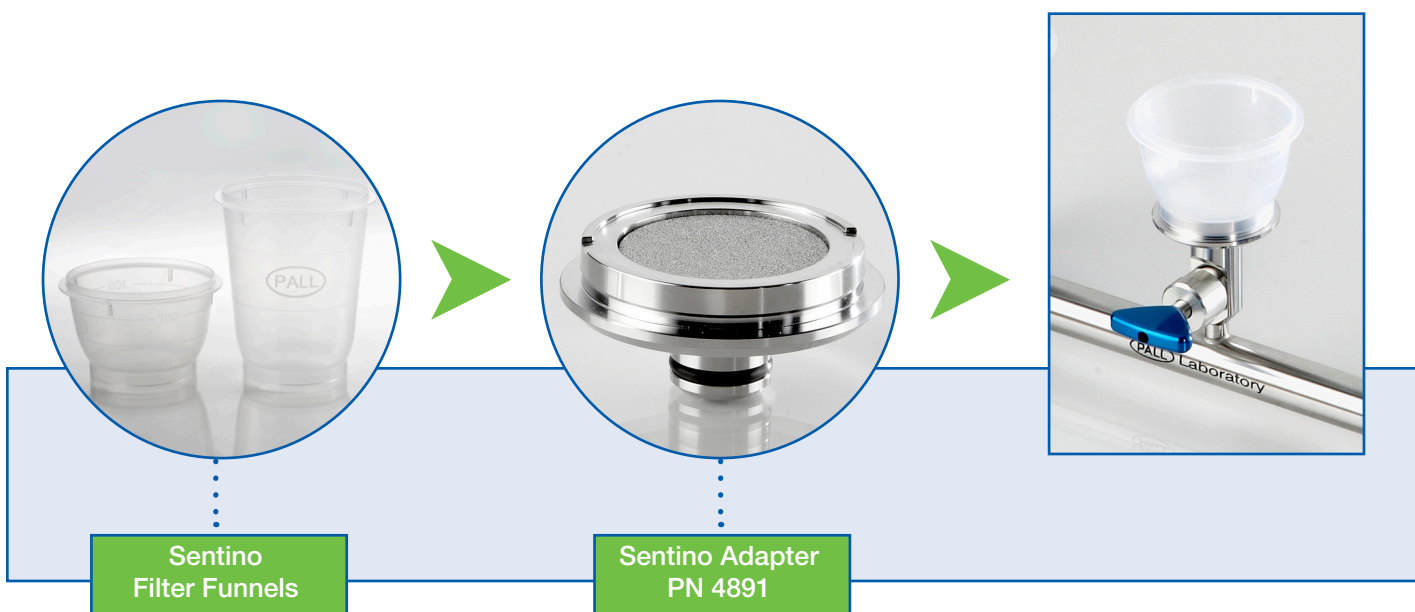
## Economic Magnetic Funnel Expand Application Options

Our reusable Magnetic filter funnels for use with our wide range of membrane options to meet any application need, include an integrated and simple-to-use magnetic seal, complete access to the membrane for removal, easy-to-read graduations and polyphenylsulfone construction for superior chemical compatibility and durability. Use a rubber stopper with PN 4959 for standard extended funnel stems or PN 4892 for a Sentino magnetic funnel with a shorter stem.



## Last Minute Sample Processing With Ease

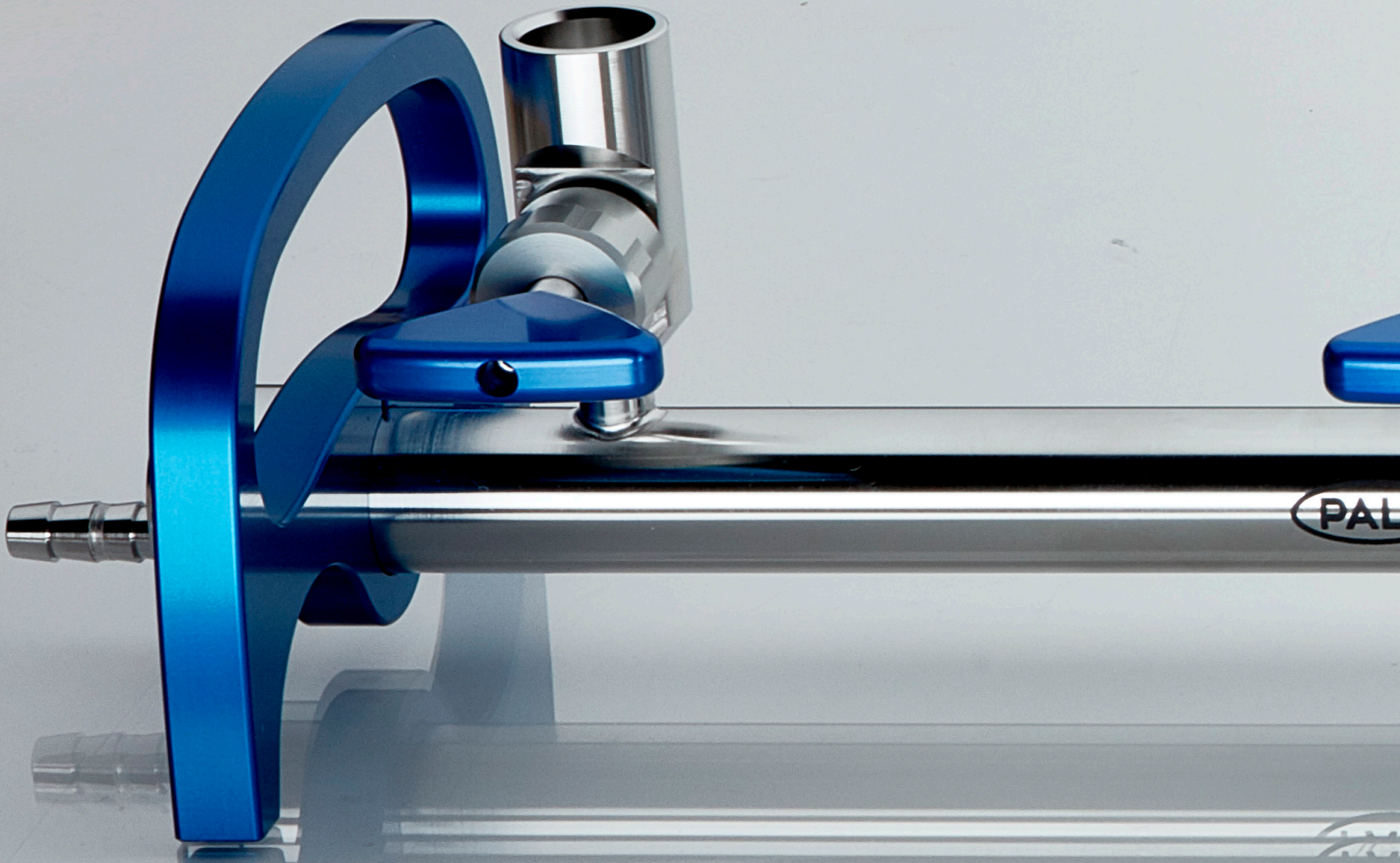
Did you find a contaminated QC sample requiring a repeat test late in the day? Our Sentino pump is a great solution and addition to your manifold capabilities. The easy setup and single-use fluid path mean no need to re-wash, wrap and sterilize your manifold all over again for those last minute or repeat samples.





- *Universal set-up*

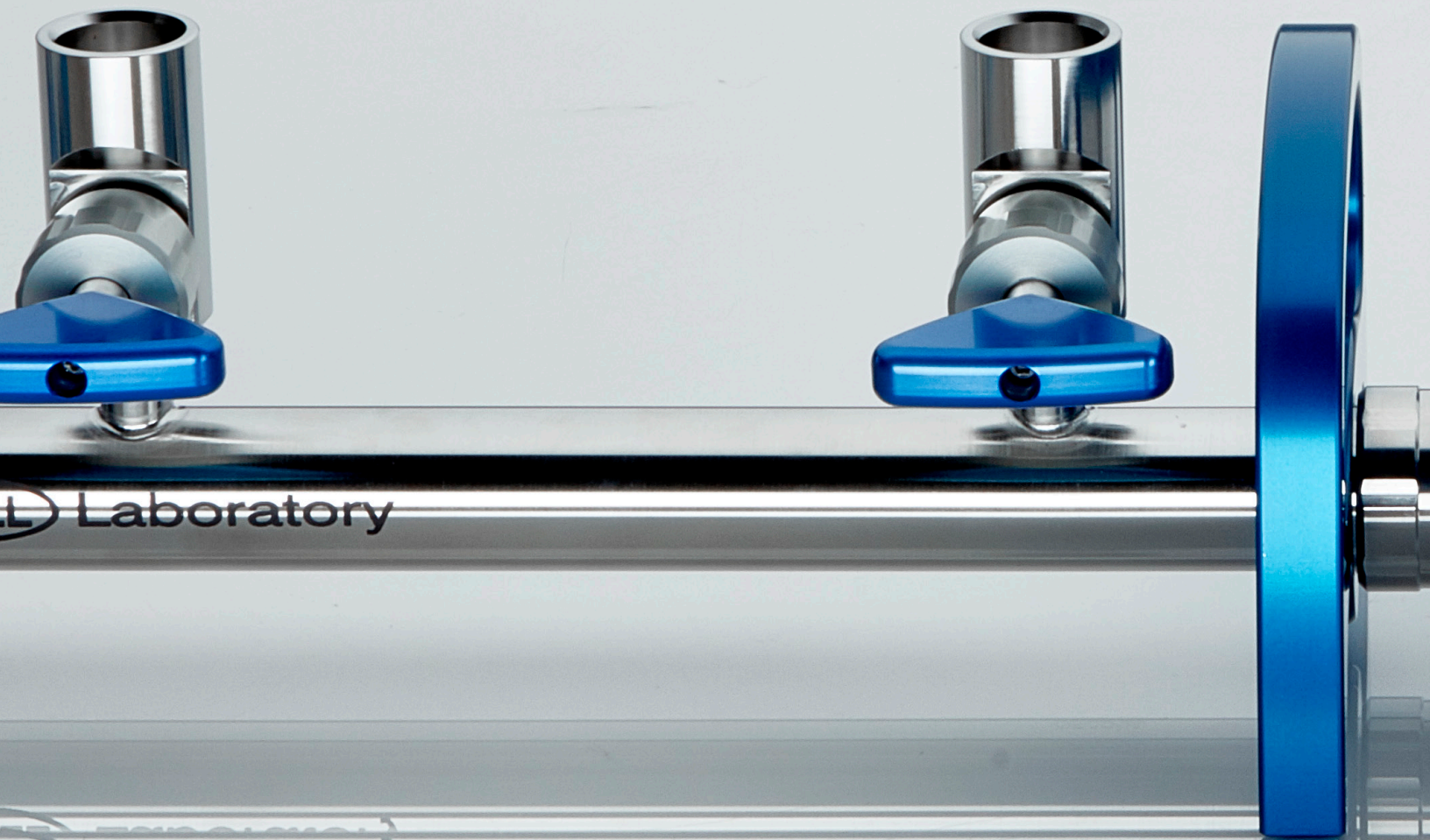
- Right or left handed set up using easy-to-exchange slip fittings,
- ensure tubing and endcap are on the right side for your workflow





• *Increased flexibility*

- With the manifold coupler (PN 4893) increase your capacity flexibility,
- using from 1 to 6 places, including the ability to autoclave all 6 places
- in a standard autoclave vs larger, permanent 6-place manifolds.

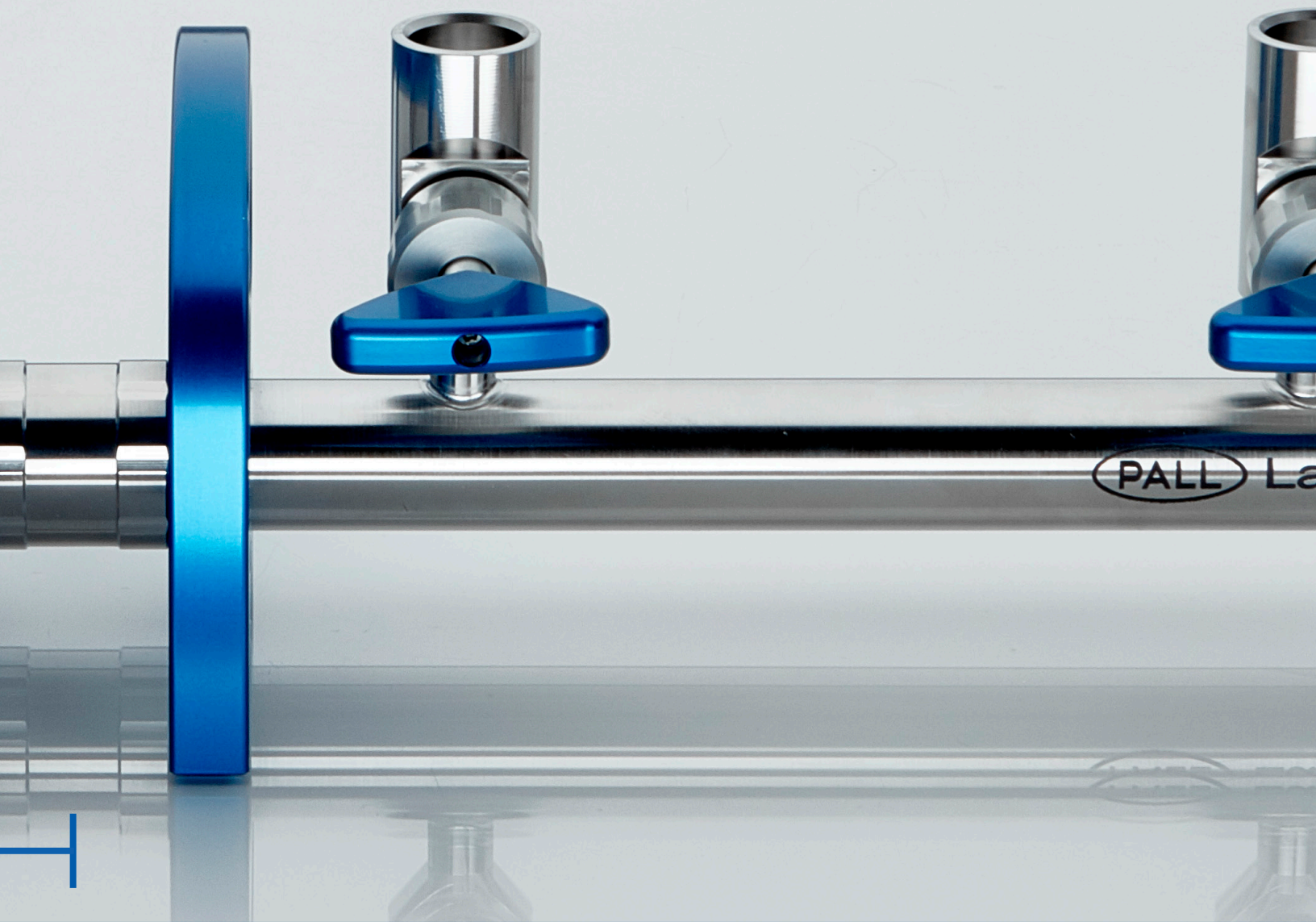


**Single 3-place manifold:**  
17.2 in. (436.9 mm)

**Double 6-place manifold:**  
33.3 in. (846.0 mm)

• *Reduce contamination*

- Designed to reduce contamination with valves positioned in the front eliminating the need to reach over samples. Simple breakdown
- and reassembly and features such as valves with no o-ring in the
- fluid path reduce cross contamination.



## Specifications

### Materials of Construction

Description	Material
Piping, adapters, end cap, hose barb cap and coupling device	316 L stainless steel
Valve assembly	316 L stainless steel
Handles, valve locking collar and knob	6061-T6 anodized aluminum
Valve o-rings	Viton® fluoroelastomer rubber
Adapter o-rings	Viton fluoroelastomer rubber
Tube o-rings	Silicone

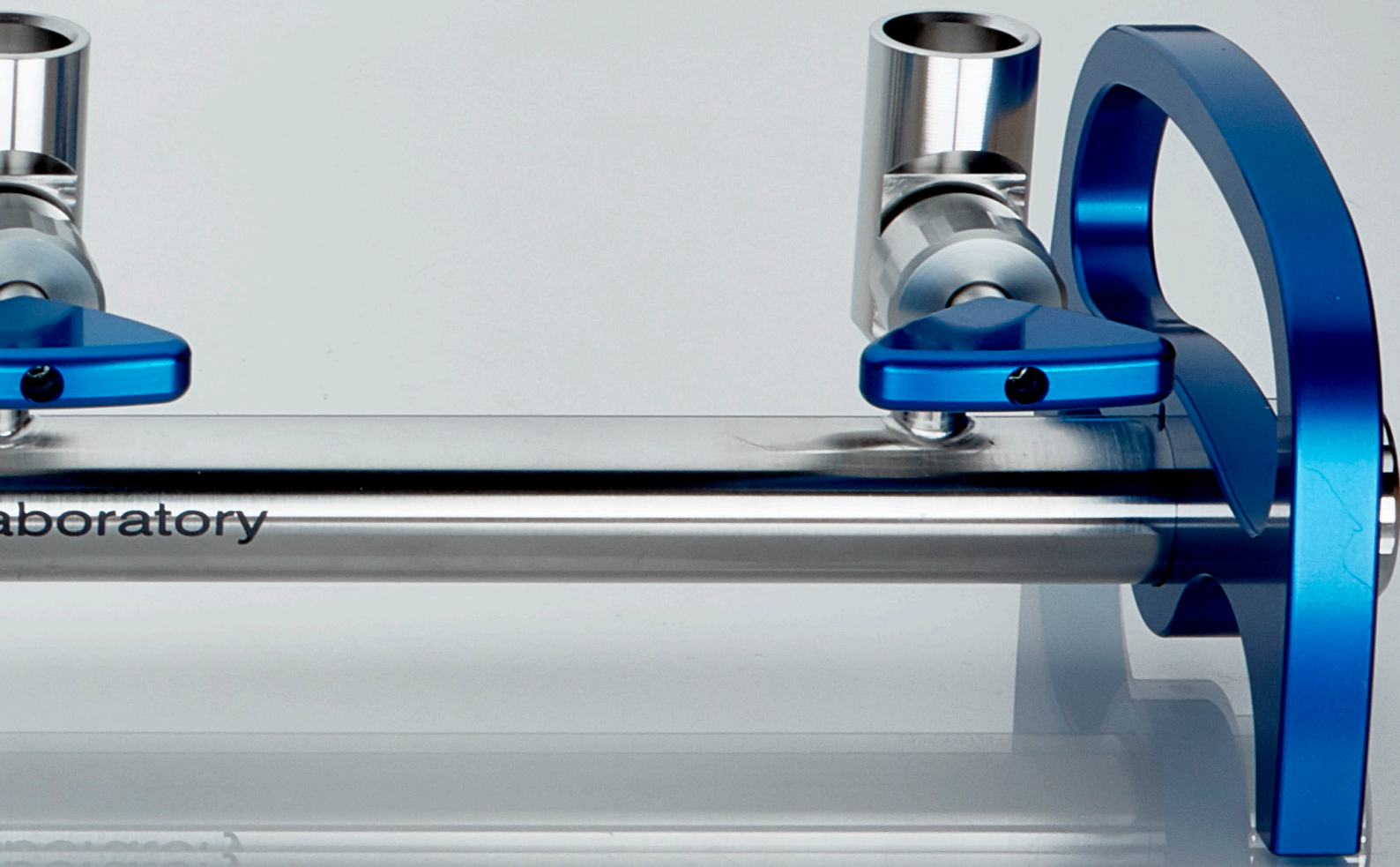
### Dimensions and Weight

Description	Length	Width	Height	Part Weight
3-Place manifold (with end cap and hose barb cap)	437 mm (17.2 in)	152 mm (6.0 in)	99 mm (3.9 in)	1.7 kg (3.8 lb)
6-Place manifold (with coupler, end cap and hose barb cap)	846 mm (33.3 in)	152 mm (6.0 in)	99 mm (3.9 in)	3.4 kg (7.5 lb)



• *Easy maintenance*

- Easy preventative maintenance includes user-replaceable
- o-rings, option to clean with 70% IPA, 5% Hypochlorite or
- 30% Hydrogen Peroxide\* and ability to autoclave as needed.



## Ordering Information

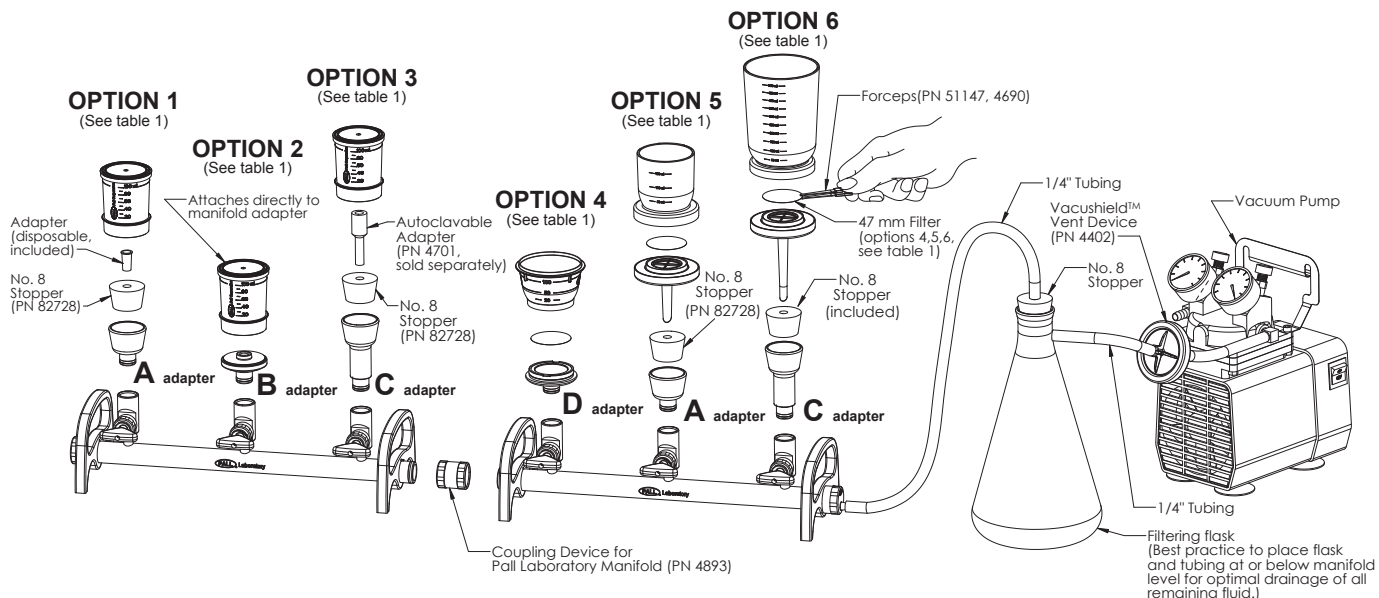
### Manifold

Part Number	Description	Pkg
4889	3 Place Manifold including 3 valves, 1 end cap, 1 hose barb cap	1 set/pkg
4890	Microfunnel filter funnel adapter	3/pkg
4891	Sentino funnel adapter	3/pkg
4892	Standard adapter	3/pkg
4959	Elongated standard adapter	3/pkg
4893	Coupling device	1/pkg

### Manifold Accessories and Replacement Parts

4878	Spare O-ring kit	1 set/pkg
4894	Manifold valves	1/pkg

\*Please consult Laboratory Manifold Instructions for Use



### Adapter Key

A	Standard adapter	PN 4892
B	MicroFunnel adapter	PN 4890
C	Elongated adapter	PN 4959
D	Sentino adapter	PN 4891

Table 1

Option	Description	Compatible Funnel PNs	Compatible Membrane PNs	Other Accessories Needed
1	MicroFunnel filter funnel for use with Laboratory manifold (PN 4889) with standard adapter (PN 4892)	All Pall MicroFunnel filter funnels (standard, ST, Plus, and MicroCheck®)	N/A	Stopper (PN 82728)
2	MicroFunnel filter funnel for use with Laboratory manifold (PN 4889) with Microfunnel adapter (PN 4890)	All Pall MicroFunnel filter funnels (standard, ST, Plus, and MicroCheck)	N/A	N/A
3	MicroFunnel filter funnel for use with Laboratory manifold (PN 4889) with elongated adapter (PN 4959)	All Pall MicroFunnel filter funnels (standard, ST, Plus, and MicroCheck)	N/A	Stopper (PN 82728), Adapter (PN 4701)
4	Sentino filter funnel for use with Laboratory manifold (PN 4889) with Sentino adapter (PN 4891)	4870, 4871	All Pall 47 mm membranes (Supor™, GN-6, Metrical™ Black)	N/A
5	Sentino magnetic filter funnel for use with Laboratory manifold (PN 4889) with standard adapter (PN 4892)	4271, 4273, 4277	All Pall 47 mm membranes (Supor, GN-6, Metrical Black)	Stopper (PN 82728)
6	Magnetic filter funnel for use with Laboratory manifold (PN 4889) with elongated adapter (PN 4959)	4241, 4238, 4243, 4247	All Pall 47 mm membranes (Supor, GN-6, Metrical Black)	N/A



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Filtration. Separation. Solution.<sup>SM</sup>

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