

Sample Preparation Accessories

Vacuum Manifolds for Processing Samples

Sample Processing Guidelines for Strata-X Sorbents

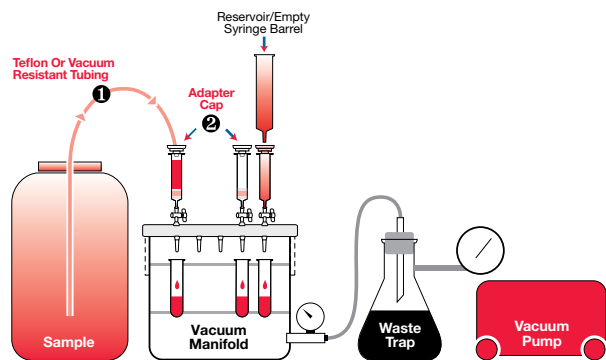
Vacuum Manifolds for Tubes

- Maximize throughput with simple, cost effective batch processing of up to 96 samples per hour. (24 samples per 15 minutes)
- Fits 13 mm and 16 mm test tubes up to 125 mm in height.
- "Slow is Safe" for loading and elution. A flow rate of 1–3 drops per second (1–3 mL/min) is recommended during the loading and elution steps for typical small volume samples (< 5 mL). At these critical steps the analytes are chemically interacting with the sorbent.
- Large volume samples (> 100 mL) in large cartridges (>1 gram) may be processed at flow rates between 5–10 mL/minute.
- Conditioning and Wash steps are generally not flow critical.

- Flow rate is easily adjusted via master vacuum controller or individual stopcocks if necessary.
- Individual stopcocks are typically not needed when using the Strata-X family of sorbents (Strata-X, X-C, X-CW, X-A, X-AW, XL, XL-C, XL-CW, XL-A, XL-AW). They are very forgiving of improper flow rates and are truly resistant to deconditioning effects caused by excessive drying during the method.
- Reversed phase methods are more forgiving of fast flow rates than ion-exchange or normal phase.



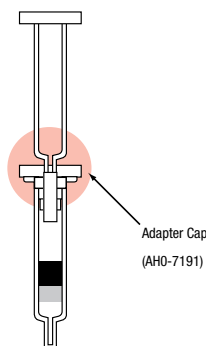
Processing Large Sample Volumes



Description	Part No.
① Teflon or Vacuum Resistant Tubing (1/8 inch O.D.)	AT0-2956
② Adapter Cap	AH0-7191

Have Large Sample Volume but Need a Small Bed Mass?

Use an adapter cap to attach another SPE tube, which can be used to increase the reservoir size for washing or eluting solvents.



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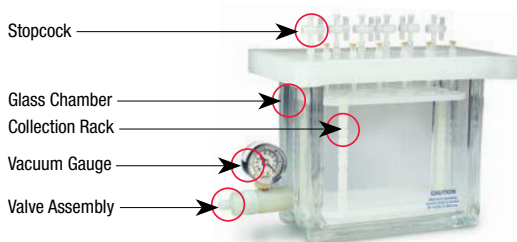
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Sample Preparation Accessories

Vacuum Manifolds

SPE Tube Vacuum Manifold

- Process up to 12 or 24 samples at one time
- Process up to 10 large volume samples at one time
- Female Luer inlets fit all male Luer tipped SPE tubes and cartridges



Ordering Information

Part No.	Description	Unit	Price
24 – Position Vacuum Manifold*³			
AH0-6024	SPE 24-Position Vacuum Manifold Set, complete assembly	ea	
24 – Position Vacuum Manifold Replacement Parts			
AH0-6026	SPE Glass Chamber	ea	
AH0-6028	SPE Cover, Gasket and 24 Stopcocks	ea	
AH0-6030	SPE Gaskets	2/pk	
AH0-6038	SPE Collection Rack Assembly, including plates, legs and clips ²	ea	
AH0-6049	SPE Luer Stopcocks	24/pk	
12 – Position Vacuum Manifold*²			
AH0-6023	SPE 12-Position Vacuum Manifold Set, complete assembly	ea	
12 – Position Vacuum Manifold Replacement Parts			
AH0-6025	SPE 12-Position Glass Chamber	ea	
AH0-6027	SPE Cover, Gasket and 12 Stopcocks	ea	
AH0-6029	SPE Gaskets	2/pk	
AH0-6037	SPE Collection Rack Assembly, including plates, legs and clips ²	ea	
AH0-6052	SPE 12-Position Vacuum Waste Container, polypropylene	10/pk	
AH0-6049	SPE Luer Stopcocks	24/pk	
10 – Position Tall-Boy™ Vacuum Manifold*¹			
AH0-7502	SPE 10-Position Tall-Boy Vacuum Manifold, complete assembly	ea	
10 – Position Tall-Boy™ Vacuum Manifold Replacement Parts			
AH0-7503	SPE 10-Position Tall-Boy Vacuum Manifold, Glass Chamber	ea	
AH0-7504	SPE 10-Position Tall-Boy Vacuum Manifold, Cover, Gasket and 10 Stopcocks	ea	
AH0-6049	SPE Luer Stopcocks	24/pk	

96-Well Plate Vacuum Manifold

- Includes vacuum valve attachment and two collection plate spacer inserts
- Made of durable acrylic
- Designed to accommodate 96-well plates, collection plates, protein precipitation plates, and filtration plates



Ordering Information

Part No.	Description	Unit	Price
96-Well Plate Manifold**			
AH0-8950	Strata® 96-Well Plate Manifold, Universal w/vacuum gauge	ea	
Replacement Parts			
Part No.	Description	Unit	Price
AH0-7285	96-Well Plate Manifold Replacement Gasket, Flat (to fit between acrylic chamber and 96-well plate), black	ea	
AH0-7198	96-Well Plate Manifold Replacement Gasket, Profile, (to fit between acrylic chamber and manifold base), white	ea	
AH0-8637	Reservoir, Single Well, High Profile, 96 Bottom Troughs	25/pk	

**Manifold, compatible with 2 mL Impact plate, Strata and Strata-X 96-well plate formats.

* Manifolds include: Vacuum-tight glass chamber, vacuum gauge assembly, polypropylene lid with gasket, male and female luers and yellow end plugs, stopcock valves, collection rack assemblies, polypropylene needles, lid support legs. Waste container included with 12-position manifold.

(1) The 10-position Tall Boy Vacuum Manifold Collection Rack includes 4 plates: one base plate, one dimple plate, one small plate and one large plate and three riser bar legs, along with 12 manifold clips to support the plates. The assembly also includes 10 polypropylene needles, 10 stopcocks and 4 black legs to support the lid when taken off the glass block.

(2) The 12-position Collection Rack Assembly consists of 3 support legs, base plate, dimple plate, small plate, medium plate, large plate, volumetric plate, and 12 retaining clips.

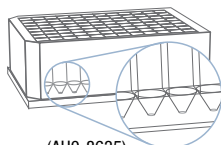
(3) The 24-position Collection Rack Assembly consists of 3 support legs, base plate, dimple plate, small plate, large plate, and 12 retaining clips.



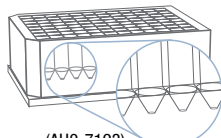
Collection Plates

- Available in conical V- and round-bottom formats
- Made of chemically inert polypropylene
- Available in 350 µL, 1 and 2 mL volumes

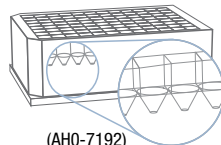
Conical V- and round-bottom for maximized sample delivery



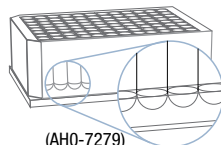
(AHO-8635)
2 mL Square Well



(AHO-7193)
1 mL Square Well



(AHO-7192)
350 µL Square Well



(AHO-7279)
1 mL Round Well

Ordering Information

Collection Plates*

Part No.	Description	Unit	Price
AHO-7192	350 µL/well 96-Square Well Conical V-bottom Collection Plate	50/pk	
AHO-7193	1 mL/well 96-Square Well Conical V-bottom Collection Plate	50/pk	
AHO-7279	1 mL/well 96-Round Well Round Bottom 7 mm Collection Plate	50/pk	
AHO-7194	2 mL/well 96-Square Well Conical V-bottom Collection Plate	50/pk	
AHO-8635	2 mL/well 96-Square Well Round-Conical Bottom Collection Plate	50/pk	
AHO-8636	2 mL/well 96-Round Well Round Bottom 8 mm Collection Plate	50/pk	

Vacuum Manifold Accessories

Ordering Information

General Vacuum Manifold Accessories

Part No.	Description	Unit	Price
AHO-7191	Adapter Caps for 1, 3 and 6 mL SPE tubes, polyethylene, with Luer tip	15/pk	
AHO-7379	Adapter Caps for 12, 20, and 60 mL SPE tubes, polyethylene, with Luer tip	6/pk	
AHO-8278	Strata Syringe and Adapter Kit	ea	
AHO-6034	SPE Manifold Needles, polypropylene	24/pk	
AHO-6035	SPE Manifold Needles, stainless steel	12/pk	
AHO-6050	SPE Drying Attachment for 12-position manifold	ea	
AHO-6051	SPE Drying Attachment for 24-position manifold	ea	
AHO-6053	Female Luer Fittings	2/pk	
AHO-6054	Male Luer Fittings	2/pk	
AHO-6057	Vacuum Gauge and Valve Assembly	ea	
AHO-6062	Control Valve, Teflon®	25/pk	
AHO-6064	Teflon® Needles	100/pk	
AHO-6065	Teflon® Needles	500/pk	

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Filtration Plate

- Available in 0.45 µm membrane porosity
- Inert surface eliminates non-specific binding for maximized results
- Cost effective solution to meet all filtration goals

Ordering Information

Filtration Plates

Part No.	Description	Unit/Box	Price
AFO-8265	0.45 µm Glass Fiber 96-Well Filtration Plate	2	

Sealing Mats and Tape

- Fits all Phenomenex 96-well plates, square-well collection plates, round-well collection plates, protein precipitation plates, and filtration plates
- Pierceable and Pre-Slit available



(AHO-7195)

Ordering Information

Sealing Mats*

Part No.	Description	Unit	Price
AHO-8597	Sealing Mats, Pierceable, 96-Square Well, Silicone	50/pk	
AHO-8598	Sealing Mats, Pre-Slit, 96-Square Well, Silicone	50/pk	
AHO-8631***	Sealing Mats, Pierceable, 96-Round Well 7mm, Silicone	50/pk	
AHO-8632***	Sealing Mats, Pre-Slit, 96-Round Well 7 mm, Silicone	50/pk	
AHO-8633**	Sealing Mats, Pierceable, 96-Round Well 8 mm, Silicone	50/pk	
AHO-8634**	Sealing Mats, Pre-Slit, 96-Round Well 8 mm, Silicone	50/pk	
AHO-8199	Sealing Mats, Pierceable, 96 Square Well, Santoprene™	100/pk	
AHO-7195	Sealing Mats, Pierceable, 96-Square Well, Ethylene Vinyl Acetate (EVA)	50/pk	
AHO-7362	Sealing Tape Pad	10/pk	

*Square well sealing mats compatible with 2 mL Impact plates, Strata and Strata-X 96-well plates, and 96 square well collection plates.

**8 mm round-well sealing mats compatible with 2 mL round-well 8 mm collection plates (AHO-8636)

***7 mm round-well sealing mats compatible with 1 mL round-well 7 mm collection plates (AHO-7279)

96-Well Tab-less Tube Holders

- Easily process partial plates
- Arrange multiple SPE sorbents in one plate
- Easily replace a single SPE tube
- Compatible with Strata® and Strata™-X 1 mL tab-less SPE tubes



(AHO-9054)

Ordering Information

96-Well Tab-less Tube Holders

Part No.	Description	Unit	Price
AHO-9054	96-Well 1 mL Tab-less Tube Holder for use with the Strata 96-well plate vacuum manifold (AHO-8950)	ea	
AHO-9055	96-Well 1 mL Tab-less Tube Holder for use with positive pressure manifolds	ea	

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