Pall Corporation

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Vacuum Manifold and Accessories

Description

Designed to Perfectly Fit AcroPrep™, AcroPrep Advance, and AcroWell™ Filter Plates



- Comes complete with the necessary O-ring and gasket. The control block includes the vacuum pressure gauge, vacuum metering valve, vacuum release valve, and $^{1}/_{4}$ in. hose barb for vacuum line attachment.
- Vacuum manifold unit includes a Delrins spacer block designed to accommodate standard 350 µL receiver plates. The spacer block has been optimized to reduce the space between the receiver plate and the filter plate during vacuum filtration.
- Optional spacer block available for use with 1 mL receiver plates.
- Adapter collar holds filter plates tightly to receiver plates for centrifugation.

Application

- The multi-well plate vacuum manifold is an anodized aluminum manifold that has been designed and optimized for the vacuum filtration of AcroPrep, AcroPrep Advance, and AcroWell multi-well filter plates.

Specifications

Materials of Construction

- Vacuum Manifold: Anodized aluminum
- Gasket: EDPM (Ethylene propylene)
- O-Ring: Silicone
- Spacer Blocks: Delrin plastic
- Adapter Collar: Stainless steel

Dimensions

- Length: 17.48 cm (6.88 in.)
- Width: 12.37 cm (4.87 in.)
- Height: 8.05 cm (3.17 in.)
- Weight: 2.85 kg (6.27 lb.)

Maximum Operating Vacuum

- 71.12 cm Hg (28 in. Hg)

Note: The multi-well plate vacuum manifold can be used with multi-well filter plates that meet the specifications set forth by the ANSI/SBS X-2004.

Methodology

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1. Place plate on vacuum manifold or hold the plate so the outlets on the bottom of the plate are not touched.



2. Add sample and incubate. Apply vacuum.



3. Release vacuum from the manifold. Remove filter plate and retained sample for further processing.



OR

Release vacuum from the manifold. Remove filter plate. Remove collection (receiver) plate and utilize collected filtrate in downstream applications.



Ordering Information

Part Number	Description	Pkg	Price	Qty
Vacuum Manifold and Accessories				
5017	Multi-well plate vacuum manifold	1/pkg	NA	0
5014	1 mL receiver plate spacer block	1/pkg	NA	0
5015	350 µL receiver plate spacer block	1/pkg	NA	0
5016	Replacement accessory kit (includes O-ring, gasket and allen wrench)	1/pkg	NA	0
5028	Waste drain adapter retainer	1/pkg	NA	0

Contact Information

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