GLASS BLOCK VACUUM MANIFOLD

A complete Vacuum Manifold System consists of a glass block, Corian® manifold lid, a cover gasket, vacuum gauge and assembly, PTFE tips, an adjustable collection rack, bulkhead luer fittings, plugs and a glass block safety tray. The Vacuum Manifold System is available in either 16 or 24 positions.

These manifold systems are durable and chemically resistant units designed to provide years of trouble free extractions.

Description	Part Number
Complete 16 Position Vacuum Manifold System	VMF016GL
Complete 24 Position Vacuum Manifold System	VMF024GL

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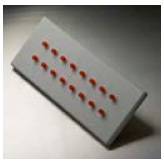
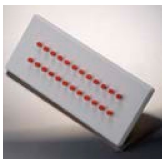
Glass Block


Manifold Lid (16 Position)


Manifold Lid (24 Position)

Manifold Lid Legs

Gasket

Collection Rack (16 Position)

Collection Rack (24 Position)

Collection Rack (12 Position)

Collection Rack Posts

Collection Rack Retaining Clips

Vacuum Gauge and Bleed Valve

Bulkhead Luer Fittings

Luer Plugs

Flange Caps

20L Waste Trap

Description	Units	Part Number
Glass Block – The vacuum chamber is a clear glass block which is designed for clear visibility and easy cleaning.	1	VMF04123
Manifold Lid (16 position) – A rigid Corian® lid which resists warping with extended use. Lids come with caps, bulkhead fittings and gasket.	1	VMF06120
Manifold Lid (24 position) – A rigid Corian® lid which resists warping with extended use. Lids come with caps, bulkhead fittings and gasket.	1	VMF04120
Manifold Lid Legs – The lid legs can be used to set the manifold lid on a surface while loading columns, changing collection tubes or removing waste.	4	VMF02120-1
Gasket – A foam gasket that fits both the 16 and 24 position lids.	2	VMF04121
Collection Rack (16 position) – A polypropylene rack that is highly resistant to chemical degradation and abuse. This rack allows the use of 13 and 16 mm disposable test tubes.	1	VMF06125
Collection Rack (24 position) – A polypropylene rack that is highly resistant to chemical degradation and abuse. This rack allows the use of 13 and 16 mm disposable test tubes.	1	VMF04125
Collection Rack (12 position) – A polypropylene rack that is highly resistant to chemical degradation and abuse. This rack is designed for the use of 27 mm (VOA vials) and smaller disposable collection vials.	1	VMF02125
Collection Rack Posts – These posts can be ordered as replacements parts for the posts in all collection racks.	3	VMF02127
Collection Rack Retaining Clips – These clips are replacement parts for the clips included in all collection racks.	12	VMF02129
Vacuum Gauge and Bleed Valve – This system is used in monitoring and adjusting vacuum.	1	VMF02122
Bulkhead Luer Fittings – These fittings screw into the lid allowing the sample to transfer from the column into the PTFE Luer tip to the test tube.	12	VMF21BFN
Luer Plugs – These plugs fit into the bulkhead fittings in order to seal unused bulkhead fittings. These can also be used to break vacuum to the manifold.	12	VMF21PLN
Flange Caps – Used with the Luer Caps, Flange Caps plug the top of SPE cartridges.	1 mL 3 mL 6 & 10 mL 15 mL 25 mL	50 50 50 50 50	CR0001P CR0004P CR0008P CR0015P CR0025P
20L Waste Trap	1	ECUCTTRAP20
20L Waste Trap Adaptor – 3/8" x 1/4" PVDF ADPT for fitting to glass block manifold.	1	ECUCTTRAP20-ADPT

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Description	Units	Part Number
Luer Caps – Luer caps are used in tandem with flange caps to seal the SPE cartridge.	50	LUER50
PTFE Luer Tips – These tips allow direct transfer of sample to the test tube.	12	VMF020TT
Clean-Thru® Tips - A disposable tip that eliminates potential sample carryover from the vacuum manifold lid. Tips connect to the luer tip on the SPE column and are passed through the manifold directly into the waste or collection vessel. The disposable nature eliminates repeated use and therefore any concern of sample carryover.	50	CLTTP050
Manifold Safety Tray – A safety tray comes as part of the complete manifold system, so as to prevent the glass block form cracking or chipping.	1	VMF02072
Adapters – Adapter cap has a tapered fit for 1, 3, 6, 10 and 15 mL size reservoirs with a standard luer fitting on top. These adapters are ideal when a sample volume exceeds the capacity of the SPE column or when sequential extractions are desired.	15 100	AD0000AS AD00000C
Kynar® Stopcocks – Made from Kynar®, a PFDV polymer that is solvent resistant, these reusable luer fitted valves are used in conjunction with a vacuum manifold. The purpose is to provide individual flow control to each SPE cartridge.	16 24	VMF02116 VMF02024
PTFE Stopcocks – Made from PTFE, these stopcocks allow an increased level of solvent resistivity.	6	ECVMF06
Sample Transfer Tubes – These tubes are a hands-free system designed to transfer sample from a larger container into the SPE cartridge via vacuum.	6 pack 12 pack	VMFSTFR06 VMFSTFR12
Vacuum Pump – These vacuum pumps are used in conjunction with the vacuum manifold. The pump is 1/8 hp, 4.2 amps and 60 Hz. The pumps are available in 115 and 230 volts.	115 V 230 V	ECROCKER400 ECROCKER400-220V

Luer Caps

PTFE Luer Tips

Clean-Thru Tips

Manifold Safety Tray

Adapters

Kynar® Stopcocks

Sample Transfer Tubes

Vacuum Pump