



ChemScience

Lab Glassware you Trust



CATALOG
2026

VACUUM MANIFOLD

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Manifold, Vacuum/Inert Gas, Double

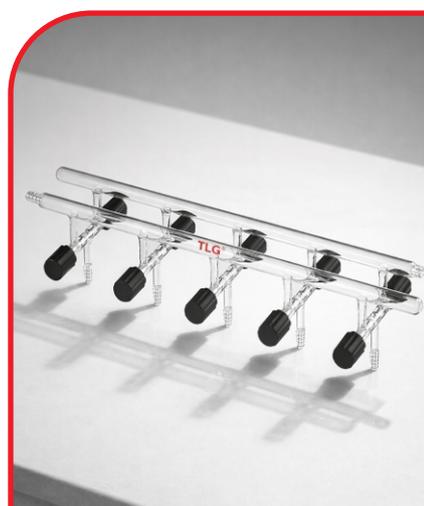
General purpose double bank manifold for use with vacuum and inert gas. Supplied with 0-4mm high vacuum valves for grease-free operation. Both banks are made from 22mm medium wall tubing and have all banks open. Ports are spaced 100mm center to center and have an O.D. of 10mm.



Catalog No.	Description	Valve Orifice	Overall Width	Pack Size
CS-M0111003	Manifold, Vacuum/Inert Gas, Double, Number of Ports 3	0-4 mm	350 mm	Each
CS-M0111004	Manifold, Vacuum/Inert Gas, Double, Number of Ports 4	0-4 mm	450 mm	Each
CS-M0111005	Manifold, Vacuum/Inert Gas, Double, Number of Ports 5	0-4 mm	550 mm	Each

Manifold, Vacuum/Inert Gas, Double, With Front-Left & Rear-Right

General purpose double bank manifold for use with vacuum and inert gas. Supplied with 0-4mm high vacuum valves for grease-free operation. Both banks are made from 22mm medium wall tubing and have all banks open. Ports are spaced 100mm with front-left and rear-right 10mm hose connections.



Catalog No.	Description	Valve Orifice	Number of Ports	Pack Size
CS-M0171003	Manifold, Vacuum/Inert Gas, Double, With Front-Left and Rear-Right	0-4 mm	3	Each
CS-M0171004	Manifold, Vacuum/Inert Gas, Double, With Front-Left and Rear-Right	0-4 mm	4	Each
CS-M0171005	Manifold, Vacuum/Inert Gas, Double, With Front-Left and Rear-Right	0-4 mm	5	Each

Manifold, Vacuum/Inert Gas, Double, With Front- Right & Rear-Left

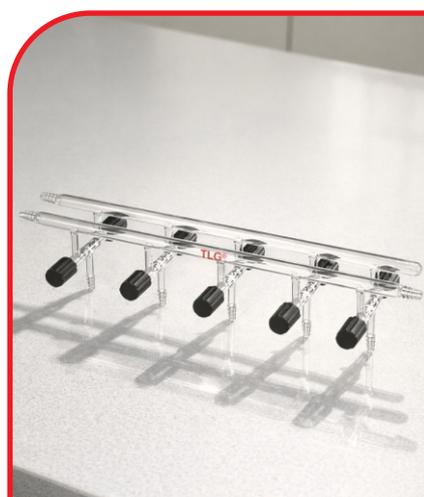
General purpose double bank manifold for use with vacuum and inert gas. Supplied with 0-4mm high vacuum valves for grease-free operation. Both banks are made from 22mm medium wall tubing and have all banks open. Ports are spaced 100mm with front-right and rear-left 10mm hose connections.



Catalog No.	Description	Number of Ports	Valve Orifice	Overall Width	Pack Size
CS-M0141003	Manifold, Vacuum/Inert Gas, Double, With Front-Right and Rear-Left	3	0-4 mm	350 mm	Each
CS-M0141004	Manifold, Vacuum/Inert Gas, Double, With Front-Right and Rear-Left	4	0-4 mm	450 mm	Each
CS-M0141005	Manifold, Vacuum/Inert Gas, Double, With Front-Right and Rear-Left	5	0-4 mm	550 mm	Each

Manifold, Vacuum/Inert Gas, Double, With Front- Left-Right & Rear-Left

General purpose double bank manifold for use with vacuum and inert gas. Supplied with 0-4mm high vacuum valves for grease-free operation. Both banks are made from 22mm medium wall tubing and have all banks open. Ports are spaced 100mm with front-left-right and rear-left 10mm hose connections.



Catalog No.	Description	Number of Ports	Valve Orifice	Overall Width	Pack Size
CS-M0101003	Manifold, Vacuum/Inert Gas, Double, With Front-Left-Right and Rear-Left	3	0-4 mm	350 mm	Each
CS-M0101004	Manifold, Vacuum/Inert Gas, Double, With Front-Left-Right and Rear-Left	4	0-4 mm	450 mm	Each
CS-M0101005	Manifold, Vacuum/Inert Gas, Double, With Front-Left-Right and Rear-Left	5	0-4 mm	550 mm	Each

Manifold, Vacuum/Inert Gas, Double, With Front-Left- Right & Rear-Right

General purpose double bank manifold for use with vacuum and inert gas. Supplied with 0-4mm high vacuum valves for grease-free operation. Both banks are made from 22mm medium wall tubing and have all banks open. Ports are spaced 100mm with front-left-right and rear-right 10mm hose connections.



Catalog No.	Description	Number of Ports	Valve Orifice	Overall Width	Pack Size
CS-M0471003	Manifold, Vacuum/Inert Gas, Double, With Front-Left-Right and Rear-Right	3	0-4 mm	350 mm	Each
CS-M0471004	Manifold, Vacuum/Inert Gas, Double, With Front-Left-Right and Rear-Right	4	0-4 mm	450 mm	Each
CS-M0471005	Manifold, Vacuum/Inert Gas, Double, With Front-Left-Right and Rear-Right	5	0-4 mm	550 mm	Each

Manifold, Vacuum/Inert Gas, All Glass, Front-Left & Rear-Left-Right

With 4mm double oblique, high vacuum hollow glass stopcocks precision ground with corresponding numbers on barrel and plug. Lower vacuum chambers on stopcock are evacuated with a separate hole in the plug in order to holds the plug in the stopcock barrels. Beams are 22mm O.D. with front-left and rear-left-right 10mm hose connections. Distance between stopcocks is 100mm center to center.



Catalog No.	Description	Number of Ports	Overall Width	Pack Size
CS-M0431003	Manifold, Vacuum/Inert Gas, All Glass, Front-Left and Rear-Left-Right	3	350 mm	Each
CS-M0431004	Manifold, Vacuum/Inert Gas, All Glass, Front-Left and Rear-Left-Right	4	450 mm	Each
CS-M0431005	Manifold, Vacuum/Inert Gas, All Glass, Front-Left and Rear-Left-Right	5	550 mm	Each

Manifold, Vacuum/Inert Gas, All Glass, Front-Left- Right & Rear-Right

With 4mm double oblique, high vacuum hollow glass stopcocks precision ground with corresponding numbers on barrel and plug. Lower vacuum chambers on stopcock are evacuated with a separate hole in the plug in order to holds the plug in the stopcock barrels. Beams are 22mm O.D. with front-left-right and rear-right 10mm hose connections. Distance between stopcocks is 100mm center to center.



Catalog No.	Description	Number of Ports	Overall Width	Pack Size
CS-M0441003	Manifold, Vacuum/Inert Gas, All Glass, Front-Left-Right and Rear-Right	3	350 mm	Each
CS-M0441004	Manifold, Vacuum/Inert Gas, All Glass, Front-Left-Right and Rear-Right	4	450 mm	Each
CS-M0441005	Manifold, Vacuum/Inert Gas, All Glass, Front-Left-Right and Rear-Right	5	550 mm	Each

Manifold, Vacuum/Inert Gas, All Glass, Front-Right & Rear-Left-Right

With 4mm double oblique, high vacuum hollow glass stopcocks precision ground with corresponding numbers on barrel and plug. Lower vacuum chambers on stopcock are evacuated with a separate hole in the plug in order to holds the plug in the stopcock barrels. Beams are 22mm O.D. with front-right and rear-left-right 10mm hose connections. Distance between stopcocks is 100mm center to center.



Catalog No.	Description	Number of Ports	Overall Width	Pack Size
CS-M0451003	Manifold, Vacuum/Inert Gas, All Glass, Front-Right and Rear-Left-Right	3	350 mm	Each
CS-M0451004	Manifold, Vacuum/Inert Gas, All Glass, Front-Right and Rear-Left-Right	4	450 mm	Each
CS-M0451005	Manifold, Vacuum/Inert Gas, All Glass, Front-Right and Rear-Left-Right	5	550 mm	Each

Manifold, High Vacuum Solid Glass Stopcock, Front-Left-Right & Rear-Left-Right

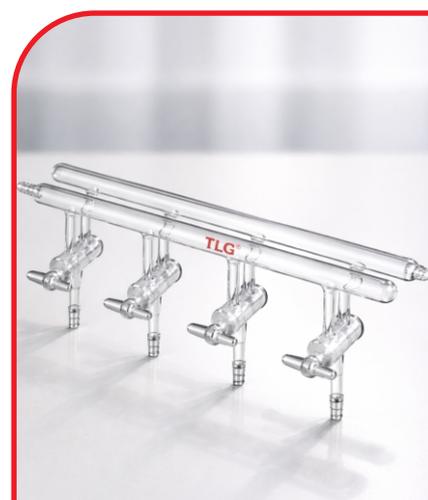
With 4mm double oblique, high vacuum solid glass stopcocks precision ground with corresponding numbers on barrel and plug. Solid glass stopcocks have constant pressure retention devices. Beams are 22mm O.D. with front-left-right rear and rear-left-right 10mm hose connections. Distance between stopcocks is 100mm center to center.



Catalog No.	Description	Number of Ports	Overall Width	Pack Size
CS-M0250003	Manifold, High Vacuum Solid Glass Stopcock, Front-Left-Right and Rear-Left-Right	3	350 mm	Each
CS-M0250004	Manifold, High Vacuum Solid Glass Stopcock, Front-Left-Right and Rear-Left-Right	4	450 mm	Each
CS-M0250005	Manifold, High Vacuum Solid Glass Stopcock, Front-Left-Right and Rear-Left-Right	5	550 mm	Each

Manifold, High Vacuum Solid Glass Stopcocks, Front-Left & Rear-Right

With 4mm double oblique, high vacuum solid glass stopcocks precision ground with corresponding numbers on barrel and plug. Solid glass stopcocks have constant pressure retention devices. Beams are 22mm O.D. with front-left and rear-right 10mm hose connections. Distance between stopcocks is 100mm center to center.



Catalog No.	Description	Number of Ports	Overall Width	Pack Size
CS-M0230003	Manifold, High Vacuum Solid Glass Stopcocks, Front-Left and Rear-Right	3	350 mm	Each
CS-M0230004	Manifold, High Vacuum Solid Glass Stopcocks, Front-Left and Rear-Right	4	450 mm	Each
CS-M0230005	Manifold, High Vacuum Solid Glass Stopcocks, Front-Left and Rear-Right	5	550 mm	Each

Manifold, High Vacuum Solid Glass Stopcocks, Front-Right & Rear-Left

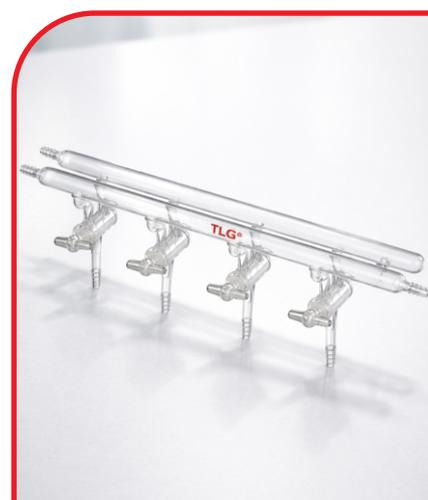
With 4mm double oblique, high vacuum solid glass stopcocks precision ground with corresponding numbers on barrel and plug. Solid glass stopcocks have constant pressure retention devices. Beams are 22mm O.D. with front-right and rear-left 10mm hose connections. Distance between stopcocks is 100mm center to center.



Catalog No.	Description	Number of Ports	Overall Width	Pack Size
CS-M0240003	Manifold, High Vacuum Solid Glass Stopcocks, Front-Right and Rear-Left	3	350 mm	Each
CS-M0240004	Manifold, High Vacuum Solid Glass Stopcocks, Front-Right and Rear-Left	4	450 mm	Each
CS-M0240005	Manifold, High Vacuum Solid Glass Stopcocks, Front-Right and Rear-Left	5	550 mm	Each

Manifold, High Vacuum Solid Glass Stopcocks, Front-Left-Right & Rear-Left

With a 4mm double cylinder, this precision solid glass push-vacuum shut-off valve features matching numbers on both the cylinder and the socket. The solid glass shut-off valves have constant pressure retention devices. The beams have a 22mm OD with 10mm hose connections front-left-right and rear-left. The distance between the shut-off valves is 100mm center-to-center.



Catalog No.	Description	Number of Ports	Overall Width	Pack Size
CS-M0260003	Manifold, High Vacuum Solid Glass Stopcocks, Front-Left -Right and Rear-Left	3	350 mm	Each
CS-M0260004	Manifold, High Vacuum Solid Glass Stopcocks, Front-Left -Right and Rear-Left	4	450 mm	Each
CS-M0260005	Manifold, High Vacuum Solid Glass Stopcocks, Front-Left -Right and Rear-Left	5	550 mm	Each

Vacuum Manifold, High Vacuum Valves, Hose Connection At Right Side

With a serrated hose connection (10mm O.D.) at right hand side. Main tube is 22mm O.D. and the distance between valves is 100mm center to center.



Catalog No.	Description	Number of Ports	PTFE Stopcock Bore	Overall Width	Pack Size
CS-M0202403	Vacuum Manifold, High Vacuum Valves, Hose Connection At Right End	3	0-4 mm	325 mm	Each
CS-M0202404	Vacuum Manifold, High Vacuum Valves, Hose Connection At Right End	4	0-4 mm	425 mm	Each
CS-M0202405	Vacuum Manifold, High Vacuum Valves, Hose Connection At Right End	5	0-4 mm	525 mm	Each

Vacuum Manifold, High Vacuum Valves, Hose Connection At Left Side

With a serrated hose connection (10mm O.D.) at left hand side. Main tube is 22mm O.D. and the distance between valves is 100mm center to center.



Catalog No.	Description	Number of Ports	PTFE Stopcock Bore	Overall Width	Pack Size
CS-M0522403	Vacuum Manifold, High Vacuum Valves, Hose Connection At Left Side	3	0-4 mm	325 mm	Each
CS-M0522404	Vacuum Manifold, High Vacuum Valves, Hose Connection At Left Side	4	0-4 mm	425 mm	Each
CS-M0522405	Vacuum Manifold, High Vacuum Valves, Hose Connection At Left Side	5	0-4 mm	525 mm	Each

Vacuum Manifold, High Vacuum Valves, Hose Connection At Both Ends

With a serrated hose connection (10mm O.D.) at both sides. Main tube is 22mm O.D. and the distance between valves is 100mm center to center.



Catalog No.	Description	Number of Ports	PTFE Stopcock Bore	Overall Width	Pack Size
CS-M0512403	Vacuum Manifold, High Vacuum Valves, Hose Connection At Both Ends	3	0-4 mm	325 mm	Each
CS-M0512404	Vacuum Manifold, High Vacuum Valves, Hose Connection At Both Ends	4	0-4 mm	425 mm	Each
CS-M0512405	Vacuum Manifold, High Vacuum Valves, Hose Connection At Both Ends	5	0-4 mm	525 mm	Each

Manifold, Double, Hollow Glass Stopcocks, Spherical Joints

With 35/20 ball joints and 4mm double oblique high vacuum hollow glass stopcocks precision ground with corresponding number on barrels and plugs. Lower vacuum chambers on stopcock are evacuated with a separate hole in the plug in order to hold the plug in the stopcock barrels.



Catalog No.	Description	Number of Ports	PTFE Stopcock Bore	Overall Width	Pack Size
CS-M0270003	Manifold, Double, Hollow Glass Stopcocks, Spherical Joints	3	0-4 mm	280 mm	Each
CS-M0270004	Manifold, Double, Hollow Glass Stopcocks, Spherical Joints	4	0-4 mm	365 mm	Each
CS-M0270005	Manifold, Double, Hollow Glass Stopcocks, Spherical Joints	5	0-4 mm	450 mm	Each

Manifold, Double, Hollow Glass Stopcocks, Right Hand Side

With high vacuum hollow glass stopcocks. The small O.D. (17mm) front tube is for inert gases and the larger O.D. (22mm) back tube is for vacuum, which has a 35/20 socket on the right hand side.



Catalog No.	Description	Number of Ports	Hose Connection	Pack Size
CS-M0340004	Manifold, Double, Hollow Glass Stopcocks, Right Hand Side	4	10 mm	Each

Manifold, Double, Hollow Glass Stopcocks, Left Hand Side

With high vacuum hollow glass stopcocks. The small O.D. (17mm) front tube is for inert gases and the larger O.D. (22mm) back tube is for vacuum, which has a 35/20 socket on the left hand side.



Catalog No.	Description	Number of Ports	Hose Connection	Pack Size
CS-M0350004	Manifold, Double, Hollow Glass Stopcocks, Left Hand Side	4	10 mm	Each

Manifold, Double, High Vacuum Valve and 35/20 Spherical Joint

This manifold is designed to incorporate a 0-8mm high vacuum valve as the vacuum shut-off. The front tube is for inert gases (17mm O.D.) with a 10mm hose connection. The rear tube is for vacuum (22mm O.D.), with two 35/20 socket joints. Please order each component separately.



Catalog No.	Description	Joint Size	Hose Connection	Pack Size
CS-M0360004	Manifold, Double, High Vacuum Valve and 35/20 Spherical Joint, Vacuum/gas manifold	35/20	10 mm	Each

Manifold, With # 15 O-Ring Joints

With 4mm double hollow high vacuum stopcocks. This four-port manifold is fitted with two 14/20 and two 24/40 inner joints, and is 100mm center to center joints. #15 O-ring joint stopper (CS-S480015) and #15 O-ring joint to serrated hose adapter have to be ordered separately. Viton O-rings can be ordered using item # CS-R116.



Catalog No.	Description	Double Oblique Stopcock Bore	Number of Ports	Joint Size	Center Joint	Pack Size
CS-M0340004	Manifold, With # 15 O-Ring Joints, Vacuum/gas manifold	4 mm	4	Two 14/20 and two 24/40 Inner joints	100 mm	Each

Manifold, Double Banks, With # 15 O-Ring Joints

Forward facing 0-8mm high vacuum valves allow easy operation of manifold inside of a fume hood. Main parts are spaced 100mm center to center. Adapter components or stoppers are available in the following page have to be ordered separately.



Catalog No.	Description	Center Joint	O Ring Size	Pack Size
CS-M0330804	Manifold, Double Banks, With # 15 O-Ring Joints, Vacuum manifold, single bank	100mm	#15	Each

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