

NMR Sealing Manifolds, 5 mm

Now there is an easy way to evacuate and tip-off 5 mm NMR tubes without additional sealing to other glass apparatus. The KONTES NMR single and double port sealing manifolds have KONTES HI-VAC® valves for individual control of each port. The double port manifold permits sealing one tube while the other remains under vacuum.

NMR manifolds feature BEVEL-SEAL™ threaded connections and specially designed caps with aluminum shields for heat deflection. Insert the NMR tube through the open top cap, place the o-ring over the open end of the tube, insert the tube into the BEVEL-SEAL thread and tighten the cap onto the thread to make a vacuum seal.

The longer 5 mm NMR tubes (8 and 9 inch) are recommended for use with manifolds. A #2 hose connection is used for attaching the vacuum line (vacuum tubing is recommended). All o-rings supplied are Viton®. Valve plugs are 826501-0008.

Article Number	Description	O-ring Sizes	
		Shaft	Tip
897047-0001	NMR Manifold, Single, Complete	110	011
897047-0002	NMR Manifold, Double, Complete	110	011

Component Parts

897048-0001	NMR Manifold Only, Single	110	011
897048-0002	NMR Manifold Only, Double	110	011
897049-0005	Cap, Shielded, No. 5 Thread, Size 106 O-ring		

NMR Sealing Adapters, 5 mm

NMR sealing adapters are used to connect 5 mm NMR tubes to existing vacuum systems having ports with standard taper or o-ring connections. These adapters utilize the same BEVEL-SEAL thread and aluminum shielded cap as the 897047 series manifolds. Other joint and o-ring connector sizes can be made upon request.

Article Number	Description
897040-1405	Adapter, 1/4" to BEVEL-SEAL Thread
897040-1905	Adapter, 1/8" to BEVEL-SEAL Thread
897040-2405	Adapter, 1/2" to BEVEL-SEAL Thread
897045-1505	Adapter, 15 O-ring to BEVEL-SEAL Thread

Replacement Parts

897049-0005	Cap, Shielded, No. 5 Thread, Size 106 O-ring
758252-0116	O-ring, Size 116 Viton, Pkg./10
758252-0106	O-ring, Size 106 Viton, Pkg./10