



Two-Position Switching Valves Models 7000(L), 3000-038, 3000, 7610-400, 7610-600, and 9010

The versatile two-position, six-port and ten-port valves are available in 1/16" and 1/8" port sizes, and 316 stainless steel and PEEK versions. These valves redirect flow among columns during the chromatographic run. They are also useful for selecting between two columns as shown in Figure 13 on page 19. Compare Model 7000 to the Three-Way Switching Valve (Model 7030) in which each end of the off-line column is independently sealed instead of connected together head-to-tail. Independent seals produce less shock to the column if the valve switches before all the pressure leaves the column. A ten-port valve can often accomplish the same operation that requires two six-port valves.

Model 9010 PEEK sample injector can convert to a six-port switching valve functionally identical to Model 7000 by removing the loop.

Switching Valve Part Numbers & Descriptions		
PART NUMBER	DESCRIPTION	STATOR MATERIAL
7000	Two-Position, Six-Port Switching Valve (1/16")	Stainless Steel
7000L	Two-Position, Six-Port Large Bore Switching Valve (1/16")	Stainless Steel
3000-038	Two-Position, Six-Port Switching Valve (1/8")	Stainless Steel
3000	Two-Position, Six-Port Switching Valve (1/8")	PEEK
7610-400	Two-Position, Ten-Port Switching Valve (1/16")	Stainless Steel
7610-600	Two-Position, Ten-Port Switching Valve (1/16")	PEEK
9010	Single Mode Analytical Injector	PEEK

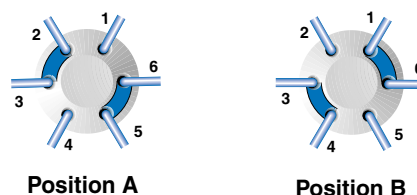


Three-Way Switching Valves Models 7030(L), 9030, 3030-038, and 3030

Two-position, six-port valves with a double three-way switching pattern are available in 1/16" and 1/8" port sizes, and 316 stainless steel and PEEK versions.

See Introduction to High Pressure Switching Valves on page 10 for detailed specifications.

View the online product product bulletin - <http://www.rheodyne.com/2320613A.html> (web link shows both valves on this page)



Position A

Position B

Fig. 11. Flow diagram of a Three-Way Switching Valve.

Switching Valve Part Numbers & Descriptions		
PART NUMBER	DESCRIPTION	STATOR MATERIAL
7030	Three-Way Switching Valve (1/16")	Stainless Steel
7030L	Three-Way Large Bore Switching Valve (1/16")	Stainless Steel
9030	Three-Way Switching Valve (1/16")	PEEK
3030-038	Three-Way Switching Valve (1/8")	Stainless Steel
3030	Three-Way Switching Valve (1/8")	PEEK