



Stand Alone Valve Products

An automated valve offers more sophisticated functionality. Choose an automated valve if the application requires fast, consistent flow-stream switching. Some other advantages of automated valves include control options (PC- or instrument-triggered), higher torque operation, valve-position feedback, or very small flow paths.

MX Series II

› **MXT** to 15,000 psi
(1,035 bar)



› **MXP** to 6,000 psi
(410 bar)



› **MXX** to 125 psi
(8.5 bar)

Add our MX Series II™ actuated valves to your existing instrument or use in stand-alone lab configurations. MX valves can be controlled remotely or operated manually using the push-button front panel with LED position indicator. MX valves connect to your instrument or PC through contact closure, BCD, serial port, or USB. Commands can be sent to the MX valves using your chromatography software or the included proprietary software for timed-events programmability.

Available flow rates include options for Analytical, Micro/Nano, or Semi-Prep in a range of pressure capabilities. Valve liquid ends are available in materials chosen to be chemically inert and biocompatible. Routine maintenance using authorized RheBuild® kits (page 126) or — for the higher-pressure MXP and MXP valves — the Rapid Replacement Pods™ (page 122) assures optimal performance.

Part No.	Description	Ports, Connections	Wetted Material	Rapid Replacement Pod	Qty.
ACTUATED VALVES UP TO 15,000 PSI (1,035 BAR)					
SWITCHING					
MXT715-000	2-Position, 6-Port	10-32 Ports for 1/16" OD Tubing	UltraLife	PD715-000	ea.
MXT715-102	2-Position, 10-Port	10-32 Ports for 1/16" OD Tubing	UltraLife	PD715-102	ea.
INJECTION For Injection, add the appropriately sized Sample Loop to the Switching valves above					
SELECTION					
MXT715-105	6-Position, 7-Port	10-32 Ports for 1/16" OD Tubing	UltraLife	PD715-105	ea.
<i>All of these MXT valves include a set of 1/16" fittings. Replacement Fittings for MXT valves can be located on page 135.</i>					
ACTUATED VALVES UP TO 6,000 PSI (410 BAR)					
SWITCHING					
MXP7900-000	2-Position, 6-Port	10-32 Ports for 1/16" OD Tubing	DuraLife®	PD7900	ea.
MXP7960-000	2-Position, 10-Port	10-32 Ports for 1/16" OD Tubing	DuraLife	PD7960	ea.
MXP7980-000	2-Position, 6-Port, Nano, 5,000 psi (345 bar)	M4 Ports for 1/32" OD Tubing	DuraLife II	PD7980	ea.
MXP7986-000	2-Position, 10-Port, Nano, 5,000 psi (345 bar)	M4 Ports for 1/32" OD Tubing	DuraLife II	PD7986	ea.
MXP9900-000	2-Position, 6-Port, Biocompatible, 5,000 psi (345 bar)	10-32 Ports for 1/16" OD Tubing	PEEK	PD9900	ea.
MXP9960-000	2-Position, 10-Port, Biocompatible, 5,000 psi (345 bar)	10-32 Ports for 1/16" OD Tubing	PEEK	PD9960	ea.
INJECTION For Injection, add the appropriately sized Sample Loop to the Switching valves above					
MXP7920-000	2-Position, 6-Port, Vertical Port	10-32 Ports for 1/16" OD Tubing	DuraLife	PD7920	ea.
SELECTION					
MXP7970-000	6-Position, 7-Port	10-32 Ports for 1/16" OD Tubing	DuraLife II**	PD7970	ea.
* DuraLife is a proprietary material combination of SST and an advanced polymer.					
** DuraLife II is a proprietary material combination consisting of Titanium and an advanced polymer.					
<i>All of these MXP valves include a set of 1/16" fittings. Replacement Fittings for MXP valves can be located on page 135.</i>					
ACTUATED VALVES UP TO 125 PSI (8.5 BAR)					
SWITCHING					
MXX777-601	2-Position, 6-Port	Accepts Either 1/16" or 1/8" Tubing	RPC-7*	1/16" and 1/8"	ea.
MXX777-603	2-Position, Double Three Way	Accepts Either 1/16" or 1/8" Tubing	RPC-7	1/16" and 1/8"	ea.
MXX777-612	2-Position, 6-Port, Large Bore	Accepts Either 1/16" or 1/8" Tubing	RPC-7	1/16" and 1/8"	ea.
SELECTION					
MXX777-605	6-Position, 7-Port	Accepts Either 1/16" or 1/8" Tubing	RPC-7	1/16" and 1/8"	ea.
MXX777-616	6-Position, 7-Port, Large Bore	Accepts Either 1/16" or 1/8" Tubing	RPC-7	1/16" and 1/8"	ea.
MXX778-605	10-Position, 11-Port	Accepts Either 1/16" or 1/8" Tubing	RPC-7	1/16" and 1/8"	ea.

* RPC-7 Proprietary Polymer Combination.

All of these MXX valves include a set of 1/16" and 1/8" ferrules. Replacement Fittings for MXX valves can be located on page 135.



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