

MX Series

Modular Electric Valve

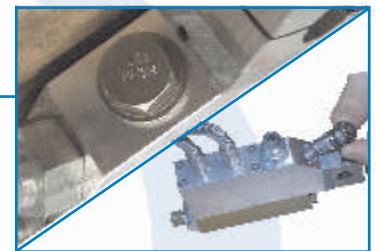


High speed precision.

Valco Melton's **MX Series** electric valve is suitable for applications requiring high line speeds, fast cycle rates, and long service life. The MX Series Valve easily reaches 3000 cycles per minute continuous duty, and has a cycle life of up to 300,000,000 cycles.

The MX Valve Series offers:

- An integrated filter in the manifold
- Unique modular design for easy change-outs and variable valve configurations
- Stroke adjustment for precise bead width and valve performance
- A top-down flow path for reduced char buildup caused by stagnant adhesive
- A solenoid-operated dispensing valve for accurate adhesive patterns at high speeds
- A ceramic seat and carbide-tipped plunger assembly to reduce wear and prolong service life
- Compatibility with industry standard hoses and tanks

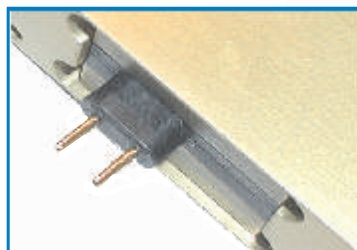


The MX Series comes standard with an integrated filter in the manifold.

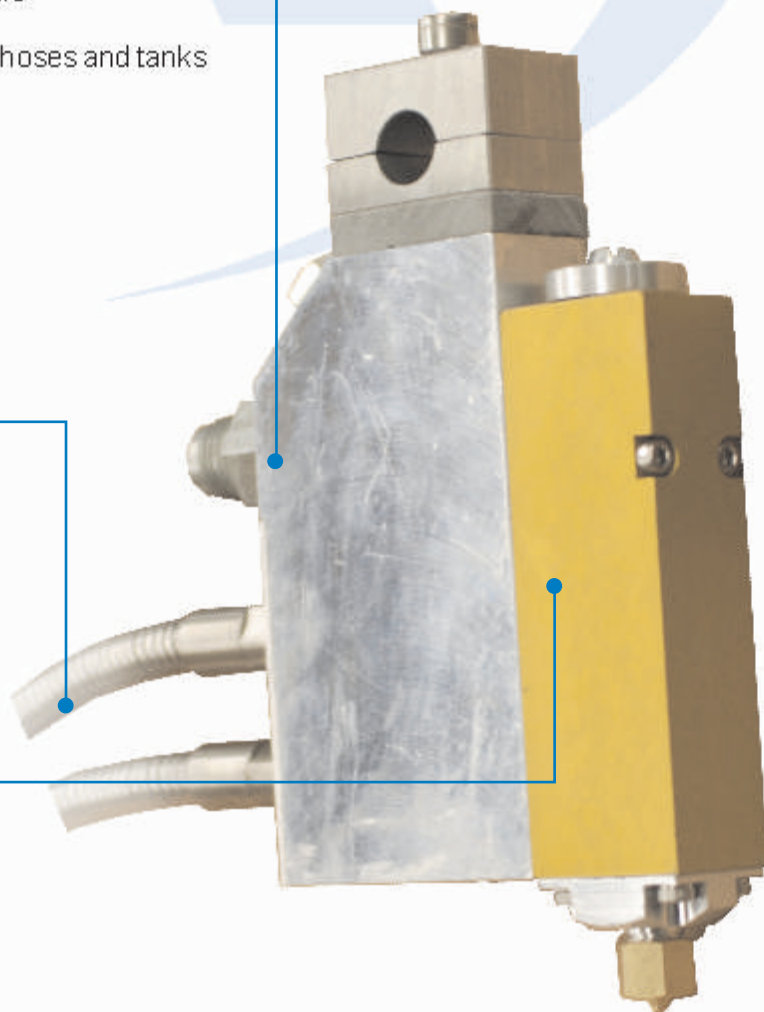
Recommended controls include the MCS-Series and MCP-Series.



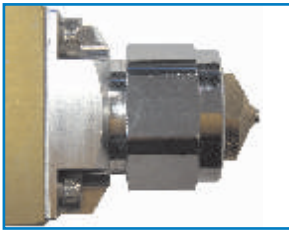
Modular design and plug-in electrical contacts facilitate quick module replacement.



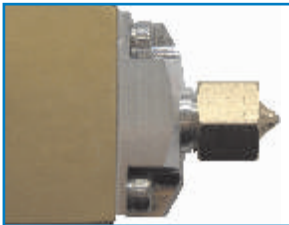
The "quick-connect" coil allows for easy change-outs and variable valve configurations.



MX Series



Nozzle retainer nut used with a wide variety of specialty multi-orifice and spray nozzles



Threaded nozzle body used with removable, industry standard nozzles for quick change-over



THE TOTAL PACKAGE.

Valco Melton's range of application products offer a complete selection of hot melt components and support equipment:

RTD hot melt hoses

Manual and automatic dispensing valves

Nozzle and applicator styles

Mounting bracket packages

Solid-state pattern control systems

In-line filters

Replacement parts for competitive systems

High-performance hot melt adhesives

Technical Specifications

MX Series Valve Characteristics	
Coil Resistance:	8.5 ohms at room temp., 13.8 ohms at 177°C (350°F)
Valve Width:	22mm (0.860 in.)
Valve Height:	155mm (6.10 in.)
Mounting:	12.70mm (0.500 in.) round bar
Fluid Pressure:	70 bar (1000 psi)
Life Cycle:	300 million cycles
Max. Cycle rate:	3,000 cycles/min continuous duty
Performance:	0.20 in. (5.0mm) pattern with a 0.20 in. (5.0mm) skip at 500 fpm

ISO 9001

QUALITY SYSTEMS



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