

MX Series

Modular Electric Valve

High speed precision.

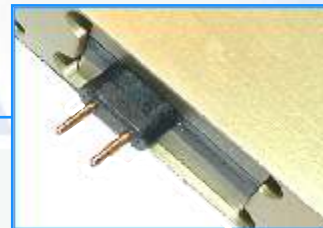
MELTON's MX Series electric valve is suitable for applications requiring high line speeds, fast cycle rates, and long service life.

MELTON's MX Valve Offers:

- Unique modular design for easy change-outs and variable valve configurations
- Stroke adjustment for precise bead width and valve performance
- Top-down flow path to reduce char buildup caused by stagnant adhesive
- Solenoid-operated dispensing valve for accurate adhesive patterns at high speeds
- Ceramic seat and carbide-tipped plunger assembly to reduce wear and prolong service life
- Compatibility with industry standard hoses and tanks



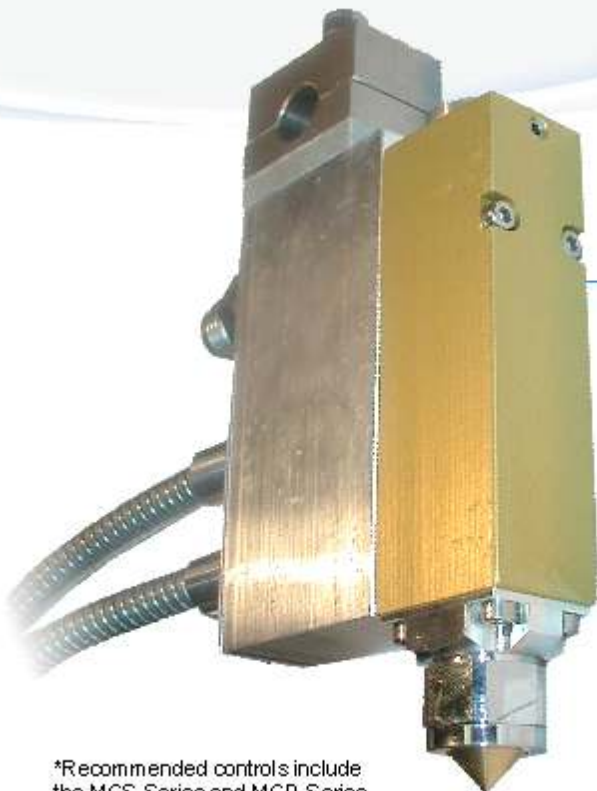
Modular design and plug-in electrical contacts facilitate quick module replacement.



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



The MX Series' design provides optimum performance along with optimum versatility. The narrow profile permits installation into space-restricted areas and allows placement on 22mm centers.



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

Melton's MX Series Valve easily reaches 3000 cycles per minute continuous duty, and has a cycle life of up to 300,000,000 cycles.

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

A TOTAL PACKAGE

MELTON offers a complete selection of hot-melt components and support equipment:

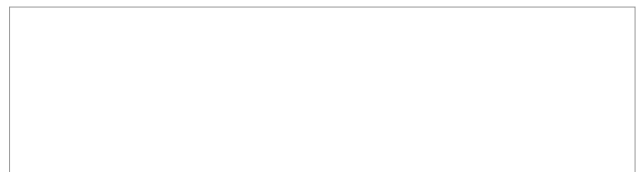
- RTD hot-melt hoses**
- Manual and automatic dispensing valves**
- Nozzle and applicator styles**
- Mounting bracket packages**
- Solid-state pattern control systems**
- In-line filters**
- Replacement parts for competitive systems**
- High-performance hot-melt adhesives**
- Cost-effective rebuild/exchange programs**

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:	0.30 in. (7.62mm) pattern with a 0.30 in. (7.62mm) skip at 500 fpm

ISO 9001

QUALITY SYSTEMS



For more information visit www.meltonhotmelt.com, or contact your local representative.
 World Headquarters: USA, Cincinnati, Ohio (Corporate Offices) • Tel: 513.874.6550 • Fax: 513.874.3612
 European Headquarters: Spain, Navarra • Tel: +34.948.321.580 • Fax: +34 948 326 584
 Asian Headquarters: China, Xiamen, Fujian • Tel: +86.592.591.7854 • Fax: +86.592.591.7834
info@meltonhotmelt.com • www.valcomelton.com • Serving Over 52 Countries Worldwide.