



EcoStitch™

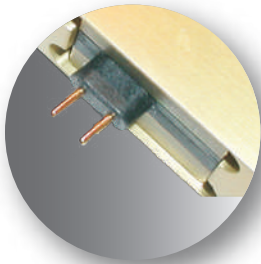
Modular Electric Valve

Valco Melton's EcoStitch™ electric valve is suitable for applications requiring high line speeds, fast cycle rates, and long service life. The EcoStitch™ valve easily reaches 3000 cycles per minute continuous duty and has a cycle lifetime of up to 300,000,000 cycles. Reduce adhesive usage up to 75% and receive instant ROI with payback in as little as four months. Additionally, you get the following features with this eco-conscious valve:

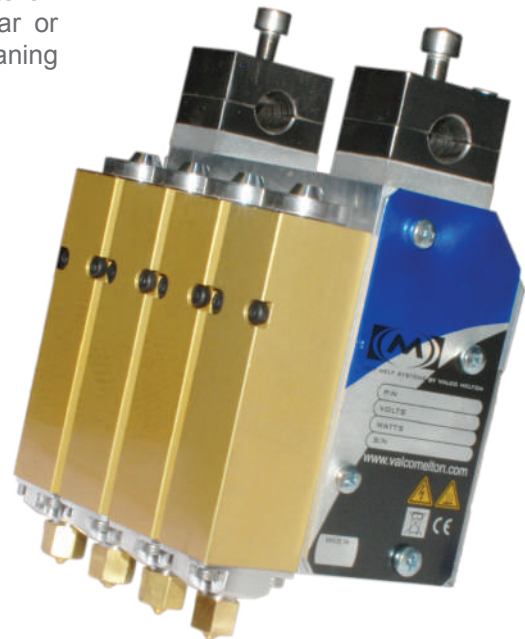
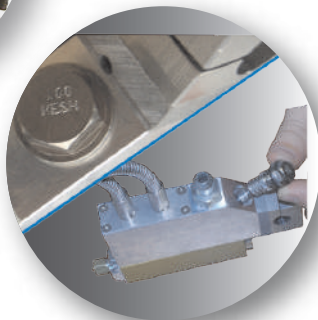
- An integrated filter in the manifold
- Unique modular design for easy change-outs and variable valve configurations
- Stroke adjustment for precise bead width and valve performance
- The Top Down adhesive path and electromagnetic coil allow for low pressure and large orifice size that virtually eliminates nozzle plugging potential.
- Accurate adhesive patterns at high speeds
- A ceramic seat and carbide-tipped plunger provide an extremely long life.
- The speed and ceramic materials in the EcoStitch create an extreme closure that pushes out and pulverizes any char or debris that comes through the valve, promoting a self-cleaning action.

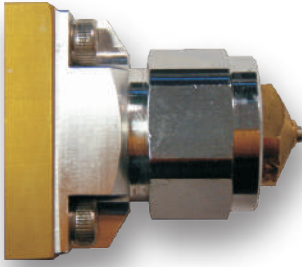
**Recommended
controls include the
MCS Series or
MCP Series**

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

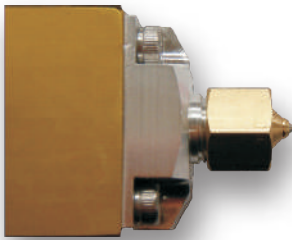


The EcoStitch™
comes standard with
an integrated filter in
the manifold





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

EcoStitch™ Characteristics	
Coil Resistance	8.5 ohms at room temp., 13.8 ohms at 177°C (350°F)
Valve Width	22 mm (0.860 in.)
Valve Height	155 mm (6.10 in.)
Mounting	12.70 mm (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. (5.0 mm) pattern with a 0.20 in. (5.0mm) skip at 500 fpm



For more information, visit <http://delivr.com/2c2yr> or contact your local Valco Melton representative.

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