

MAP's line of hot melt dispensing units are supported by the most current technological advances in the industry today. They offer premium reliability and total control of the units operation.

Additionally, little to no maintenance is required due to the teflon coated auto feed tanks which completely eliminate char buildup.



## HOT MELT DISPENSING UNITS

### D-SERIES GEAR PUMP HOT MELT UNITS



The D-Series units feature several relief valve options, ranging from the simple single stage relief valve to more sophisticated pneumatic relief systems. They allow for safe operation because of their independent/redundant over-temperature circuits and system over-pressure protection.

The D-Series capabilities include spray, ribbon coating, direct contact, and high speed jetting adhesive dispensing guns; and are ideally suited for a range of packaging, paper converting, graphic arts, non-wovens and product assembly applications.



Teflon coated tanks

Solid-state controls, precise RTD temperature sensors, and thermostatic temperature control optimize system performance



Outlets for two hoses and guns allow for user flexibility



Positive displacement, motor-driven gear pump offers a continuous pulse free output

(HOT MELT DISPENSING UNITS CONT'D.)

### EVOLUTION C (EC) SERIES



The Evolution C (EC) Series technology is the newest innovation for hot melt adhesive melters. The design is a culmination of features that were specifically crafted to meet the most current needs communicated by hot melt unit users worldwide. A new user-friendly control panel supports a quick and easy configuration to adapt to any work requirement. Valco Melton's new EC Series hot melt adhesive unit offers optimum reliability and total control of the unit's operation. Supported by the most current features and technology and easily takes recognition as the best in its performance class.

Noise-free all-pneumatic piston pump with anti-pressure drop system

Optional, fully integrated autofeed system

Lid includes reservoir seal that reduces contamination and insulated molten adhesive

New lid feature for easy access to electronic components

LCD control panel offers easy and intuitive programming.

Auto-pressure dump feature

### HOT MELT UNIT COMPARISON

The Nordson DuraBlue series are all gear pump hot melt units. Valco Melton's D-Series Gear Pump Hot Melt Units are comparable replacements.

The D-Series is available in 4 sizes ranging from 4E, 10, 16, and 22 liter capacities. The D-Series feature a microprocessor temperature control including 7-day clock, temperature setback, sequential start-up and PLC user connections. The D4E melt unit is directly comparable to the Nordson DuraBlue 4L. The D4E can operate on either 120VAC or 240VAC depending on the unit requested. All hoses and gun applicators for the D4E and the DuraBlue 4L are compatible and interchangeable. The D series (10-22) are available with either a fixed speed motor or variable speed motor for applications that require line speed tracking. All D series tanks are compatible with the 2300/3000 series hoses and most Nordson applicators. These units are comparable to the smaller sized DuraBlue tanks, specifically the DuraBlue 10, 16 and 25.



MAP's line of variable temperature dispensing applicators cover every type of pattern requirement including high speed, non-contact extrusion, ribbon coating, fine-line gluing and spray.

They feature dispensing modules that are capable of dispensing molten hot melt material onto to any substrate.



## DISPENSING APPLICATORS

### VALCO MELTON DISPENSING APPLICATORS



#### ME Series Auto-Open/Auto-Close Guns

- One of the most advanced technologies for high velocity intermittent bead applications
- Double effect module system ensures a perfect and uniform adhesive cut, giving a clean, quality appearance for stronger product finishing
- ME Applicators offer a flexible and versatile design which permits a universal fit and easy configuration for all customer demands



#### MS Series Modular Guns

- Standard applicators used in most packaging applications
- "Air-open and spring-closed" and use the H-200 style gun module
- Should be used with general packaging grade adhesives at temperatures from 200 °F up to 375 °F.
- These guns are compatible with Nordson BCS Classic Blue and Solid Blue A gun series as well as the older H-200 series.
- Can be configured in various spacing configurations and have 3 available fluid ports on each gun to allow for maximum versatility



#### MF Series Integrated Filter Guns

- Similar to MS Gun Series except for the integration of a filter screen within the manifold of the gun.
- "Air-open and spring-closed" and use the H-200 style gun module
- Should be used with general packaging grade adhesives at temperatures from 200 °F up to 375 °F.
- These guns are compatible with Nordson BCS Classic Blue and Solid Blue A gun series as well as the older H-200 series.
- Can be configured in various spacing configurations and have 3 available fluid ports on each gun to allow for maximum versatility



MAP's



## ECOSTITCH LINE

Valeo Melton's "EcoStitch" solution can help you reduce your adhesive usage by applying precision dots or using traditional beads. The unique "EcoStitch" feature will reduce adhesive usage while improving the bond quality.

### Valco Melton EcoStitch Line



#### MX Series Modular Guns

- Built-in Filter with each MX gun continually filters adhesive without having an external housing that acts as a hot spot and additional SKU to stock.
- The MX valves can operate cleanly and precisely with nearly any adhesive formula. Viscosity ranges from 200cps up to over 6,000cps.
- The MX electric valve can operate 6-10 times faster than the world's fastest air solenoid.
- The MX valve design is capable of routinely reaching well over 2 billion cycles.



#### THE VD-2E

- Independent control of the pattern through EcoStitch or bead setting
- Customize your adhesive pattern with EcoStitch's unique "dot" and "gap" settings
- Improve operator effectiveness with simplified setup and programming tasks
- Quick installation with plug-and-run connectors
- Switch between dots and beads with the press of a button
- Users can easily configure the stitch or bead parameters as well as dot placement and gap size with the simple press of a button.

