Dual Material Multi-Function Gun

5-D MFG

Five Unique Tips in a Single Tool Using KISS™ Valve Technology

- Designed for simultaneous Roof Ditch and Seam Sealing applications
- Dispenses two separate materials with one EOA applicator
- Includes temperature control porting for circulating water systems
- Dispense multiple bead profiles with shorter dispense cycle times
- This tool has five individual tips
- The system program selects which material and dispense tip to operate
- Dispense tip bead profiles include spraying, streaming and slot ribbon applied beads of sealer materials
- Slim and compact for easy access into small openings and confined areas

Sealant Equipment & Engineering Options:
- Designed-For-Application tooling
- Robot Dress-Out Design and Assembly
- Robot Bead-Path Programming
- System Start-up Assistance

The 5-D Multi-Function Gun (MFG) uses three (5) KISS Valves with individually selected dispense tips to dispense the right bead profile. Different models are available to accurately position a wide variety of tips with precise “same-position” bead-path accuracy.

KISS No-Drip® high-pressure dispense valves are ideal for the automated application of pumpable materials. The needle, seat and flow-through design technology enables the KISS valve to perform longer with high volume applications, frequent on-off cycles per part and abrasive materials.

KISS valves incorporate a carbide hardened needle/ball and carbide seat with an abrasion resistant seal to further increase its life cycle and reduce down time. A back-up spring insures fast shut-off when closing the valve or if air pressure is low or lost. Alignment and mounting holes make fixtureing simple.

The double air operated Kiss valve design allows higher flow rates due to a less restrictive internal design. This increase in flow rate translates into lower supply pump operating pressures, less down time, and reduced maintenance.
5-D Multi-Function Gun (MFG)

Specifications:
- Fluid Valves: Five (5) KISS Integrated Valves
- Air Ports (open/close): (2) 1/8” NPTF
- Mounting: (4) 1/4-20 screws and dowel
- Max. Inlet Pressure: 4,000 PSI (241.5 bar) fluid pressure
- Min. Air Pressure: 70 PSI (4.83 bar) air pressure
- Material Inlet: Dual Material Inlet O-Ring Manifold Port
- Material Outlet: Five (5) Dispense Tips (order separately)

Available Carbide Tips
- Round Stream (non-Keyed)
- Narrow Fan Airless Spray
- Heavy Fan Airless Spray
- Medium Fan Airless Spray
- Slot Ribbon

Form 5D-MFG-001

Sealant Equipment & Engineering, Inc.
Manufacturers of Precision Dispense Systems & Valves
45677 Helm Street • P.O. Box 701460
Plymouth, MI 48170 • USA
Phone: (734) 459-8600  Fax: (734) 459-8686
Web: www.dispensevalves.com
Email: valves@sealantequipment.com