

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



Tip Options:

Spray 

Stream 

Ribbon 

- ▶ 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 fixturing 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



Form 5D-MFG-001



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