

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

Any Combination:

Spray 

Stream 

Ribbon 



2600-022 Series 3-D
MFG Airless Spraying
Sealer

- ▶ This dispensing tool circulates material down to the dispense head and back to the fluid source for fluid consistency
- ▶ Ideal for multiple bead profiles and shorter dispense cycle times
- ▶ The system program selects which Dispense Tip is to operate
- ▶ Each Dispensing Tip is independently selected for the right bead profile
- ▶ Dispense Tip bead profiles include Spraying, Streaming and Slot Ribbon applied beads of sealer materials
- ▶ The MFG Assembly is slim and compact for easy access into small openings and confined areas
- ▶ The MFG Assembly can be mounted on the robot wrist or pedestal mounted

Sealant Equipment & Engineering options:

- ▶ Robot Tooling and Dress-Out
- ▶ Robot Bead-Path Programming
- ▶ System Start-up Assistance

The **2600-022-002 Re-Circulation Multi-Function Gun (MFG)** uses three (3) 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.

2600-022-002 Multi-Function Gun-ReCirc



2600-022-002 MFG-ReCirc Specifications:

- Fluid Valves:** Three (3) Integrated Valves
- Air Ports (open/close):** (2) 1/8" NPTF per valve
- Over All Length:** 13.2" (335.3 mm)
- Valve End Depth:** 2.0" (50.8 mm)
- Valve End Width:** 4.75" (120.6 mm)
- Nozzle End Depth:** 3.1" (78.7 mm)
- Nozzle End Width:** 2.0" (50.8 mm)
- Mounting:** (4) 1/4-20 screws/dowel
- Max. Inlet Pressure:** 4,000 PSI (241.5 bar)
- Min. Air Pressure:** 70 PSI (4.83 bar)
- Material Inlet:** (1) 1/4" NPT
- Material Return:** (1) 1/4" NPT
- Material Dispense:** Three(3) Dispense Tips (order separately)



3-D MFG Non-Circulating Models:

<u>Model</u>	<u>Description</u>	<u>Nozzle Adapter Design Accepts:</u>
2600-022-000-AA	3-Valve/Tip Multi-Function Gun	(2) Keyed Slot Ribbon or Airless Spray Fan Tips and (1) Non-Keyed Round Stream Tip
2600-022-001-AA	3-Valve/Tip Multi-Function Gun	Any (3) Keyed Ribbon or Airless Spray Fan Tips

Typical Carbide Dispense Tips: (order separately)



Slot Ribbon

**Medium Fan
Airless Spray**

**Heavy Fan
Airless Spray**

**Narrow Fan
Airless Spray**

**Round Stream
(Non-Keyed)**

(many sizes available of each type)

Form 2600-022 MFG-002



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