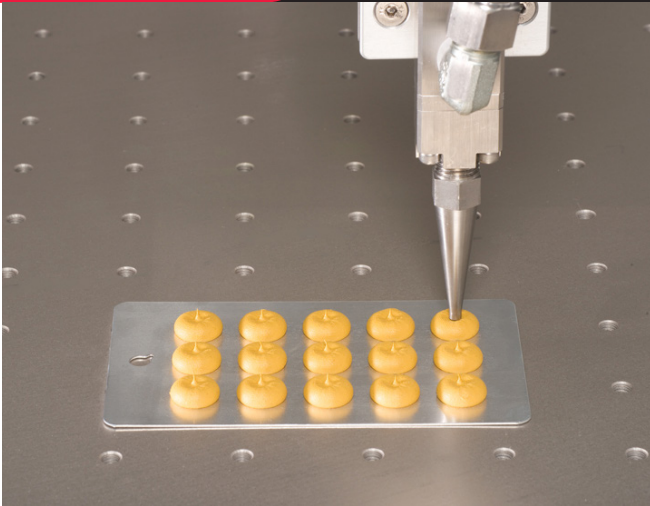




INNOVATION. **PRECISION.** EXCELLENCE.



System Specifications

Material Packaging

One-Gallon Metal Pail

Maximum Fluid Pressure

1000 psi

Inlet Air Pressure

70-100 psi

Fluid Outlet

1" NPT(F)

Wetted Parts

Seals: Buna

Ram: Aluminum, Stainless Steel

PVA-1GPU

One Gallon Hydraulic Metering Pump

The PVA-1GPU is a hydraulic pump that is ideal for dispensing highly abrasive, highly viscous pastes and compounds packaged in one-gallon metal pails. The PVA-1GPU operates as a hydraulic press and extrudes material from the pail rather than pumping it like a typical reciprocating pump. The extrusion process minimizes shear and maintains material integrity.

Material is extruded from the pail as a hydraulic intensifier pump forces a ram and follower plate into the container. An opening in the center of the follower plate allows material to flow out of the pump and into high-pressure material lines to be dispensed.

The PVA-1GPU has many integrated features including:

- Hydraulic RAM pump with follower plate
- Virtually pulse free flow resulting in consistent bead diameter
- Only one moving pump component provides virtually maintenance free operation
- Low shear resulting in a homogeneous material supply
- Hydraulic process eliminates the possibility of pump cavitation
- Fully pneumatic operation

For more information, please contact PVA at info@pva.net or contact your local representative.



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PVA-1GPU Operation and Dimensions

