M-4-12.0

Fluid Research’s M series progressive cavity pumps provide the highest precision and reliability in delivering small quantities. These pumps are ideal for use in food and pharmaceutical applications as well as industrial, single component material in automation and robotic delivery systems.

This pump delivers precise quantities of material accurately, consistently, and reliably. It is particularly suited for low to high viscosity materials, abrasive materials, and chemically aggressive materials. All delivered with very low shear due to the progressing cavity rotor-stator design and function.

APPLICATIONS

- Dots, beads, lines, filling, metering, encapsulating, and gasketing
- Used for epoxies, silicones, urethanes, sealants, and adhesives
- Slurries, pastes, and syrups in food and pharmaceutical industries
- Low to high viscosity materials
- Abrasive and chemically aggressive materials
SPECIFICATIONS*

- **Displacement Volume:** 12.0 ml per revolution
- **Maximum Flow Rate:** 2,400 ml per min @ 200 rpm
- **Minimum Flow Rate:** 120 ml per min @ 10 rpm
- **Minimum Dispense Quantity:** 3.0 ml
- **Operation Temperature:** 32° to 180° F
- **Material Temperature:** 32° to 180° F
- **Maximum Dispense Pressure:** 360 psi
- **Supply (Input) Pressure:** 0 to 150 psi
- **Retained Volume:** 300 ml to 400 ml
- **Inlet:** 1 1/2" tri-clamp
- **Outlet:** 1" NPT
- **Weight:** 11.5 lbs

*Specifications and information is subject to change without notice.*