

MODEL: FP420-1

Automatic Piston Filler

(Volumetric Dispenser)

Chemical, Food Grade,
& Sanitary Construction



U.S. PACKAGING EQUIPMENT, LLC



Piston filling machines are the industry standard for filling a wide range of container sizes, fill volumes and product types. This machine was designed for filling heavy pastes, chunky products, creams, gels and lotions, and water thin products. Designed for ease of disassembly provides for cleaning and fast and simplified product changeover. Our Allen-Bradley PLC, touchscreen control system and hydraulic piston drive system has many practical advantages not offered by other suppliers. Offered system from Semi-Automatic 1-2 Head to Fully-Automatic 2-10 Head machines. Nozzle size range from 1/4" to 2-1/2".

Features:

- Tool-less adjustments
- Positive shutoff nozzles
- Upgrade capable
- Allen Bradley Micrologix PLC
- Touchscreen HMI
- Fill Preset
- Made in the USA

Specifications:

Industrial Duty 304ss tube frame

Model A- 36"x 48"x 76"

Model B- 48"x 48"x 76"

Model C- 60"x 48"x 76"

Model D- 72"x 48 x 76"

Power: 220 Vac, 3-phase

Air: 6 cfm, 90 psi

U.S. Packaging Equipment - Piston Filler (Timing Screw indexing pictured)

Control panel features: Allen Bradley PLC for all machine logic functions, special modifications on programs available for special adaptations. Hydraulic control drive for piston fill speed options, acceleration and deceleration 2-Stage hydraulic fill controllable. Front panel filling time adjustment, conveyor speed control, Front panel Start and Emergency STOP for easy access. Washdown Nema4x controls.

Main components features: Bottom up fill or parked above container filling. 316L Stainless steel application specific piston capacity and nozzles. Product specific contact hosing with tri-clamp connections. No Bottle – No Fill optic control with bottle misalignment optic device for each fill nozzle. Filler Reservoir with precision float control system with high-pressure feed valve.

Standard features: Container height adjustment from 2½ to 16 inches high. Capable of filling both plastic or glass containers. No change parts needed for various types of containers. Adjustable pin indexing gating system with bottle counter.