

MODEL: FPD1220-1

FPD1420-1

Fully Automatic Pump Filler

(Volumetric Metered Dispenser)

**Chemical, Food Grade,
& Sanitary Construction**



U.S. PACKAGING EQUIPMENT, LLC



Pump filling machines easily handles 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. With simple tool-less cleaning and our Allen-Bradley PLC and touchscreen control system, product changeover is fast and simplified. This system is the most versatile of fillers. Offered system from Semi-Automatic 1-4 Head to Fully-Automatic 2-12 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
- 50 preset recipe
- 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 - Pump Filler

Control panel features: Allen Bradley PLC for all machine logic functions, special modifications on programs available for special adaptations. Frequency control drive for pump speed, acceleration and deceleration 3-Stage fill programmable. Front panel filling time adjustment, conveyor speed control, bottle counter. Front panel Start and Emergency STOP for easy access. Optic sensors standard for container gating. Expandable to 12 nozzles to increase speed. No bottle-no fill PLC controlled.

Main components features: 1-3 Hp motors, and 3-phase electric, application specific gear pump, peristaltic pump or 316 stainless steel lobe pumps. Hardened Stainless steel calibrated shafts with linear bearings for nozzle rack movement smoothness and durability. 8-inch stroke air cylinder bottom up fill. 316L Stainless steel application specific nozzles. Hand wheel and shaft mounted stoppers for height and stroke adjustment.

Standard features: Nozzle spacing fully adjustable through top screw. Container height adjustment from 1 1/2 to 16 inches high. Nozzle stroke adjustments from 0 to 8 inches. Entry and exit bottle gating cylinders adjustable. Capable of filling both plastic or glass containers. No change parts needed for various types of containers. Index spacing and additional bottle control adjustments through Color Touch Screen Controller