

# SAPD-2

Semi-Automatic 2 Head Positive Displacement Filler

## Key Features:

- Sanitary Stainless Steel construction
- Reinforced Food Grade Tubing
- Sanitary Stainless Steel Gear Pump
- Adjustable Volumetric Fill by number of Pump Revolutions
- Two Sanitary Stainless Steel Nozzels
- Independent Variable Speed Fill Heads
- Product Suck Back
- Fill Height Adjustment
- Easy to Program
- 30 Job Memory
- Sanitary Stainless Steel Control Valve for Tank
- Height Adjustable Leveling Feet

## Options:

- Automatic Diving Nozzles
- Positive Off Nozzles
- Hazardous Location Electrical Controls
- Powered Fill Head Height Adjustment
- Container Neck Orientator
- Sanitary Connections
- Gear Materials Stainless Steel/Plastic
- Sanitary 10 GPM Pump
- Locking Casters



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# SAPD-2

## Semi-Automatic 2 Head Positive Displacement Filler

The SAPD-2 is a two head Semi-Automatic Positive Displacement Filler designed to handle all types of rigid plastic, metal and glass containers.

The **Semi-Automatic 2 Head Positive Displacement Filler (SAPD-2)** utilizes a Positive Displacement Pump Head for each fill head. Using a superior PLC Control Package allows the operator to control each individual fill head with exacting repeatable accuracy using encoding technology for fractional control of the pump head all with an easy to use back lit alpha numeric display.

Each fill head can be programmed to start the fill process slowly then ramp up to full speed before slowing back down to complete the fill. After completing the fill the pump can reverse to suck back product within the nozzle to prevent dripping while replacing filled bottles with empty containers. This will allow for the fastest possible production speeds while maintaining high quality production.

The positive displacement Pump Heads are manufactured from high quality 316 stainless steel. Components and are available in sanitary 4gpm and 10gpm options. This filler is designed for higher viscosity products or when a high degree of accuracy is required. The machine is versatile enough to handle a wide range of container sizes, fill volumes, and product types making it perfect for almost any application.

The **SAPD-2** is the perfect filler for large production runs and start-ups alike. The Semi-Automatic PD Machine includes a 4gpm (optional 10gpm) Positive Displacement Pump for each fill head, a sanitary stainless steel hopper with a Liquid Level Assembly, and a PLC Control Box all mounted on a Heavy Duty Stainless Steel Frame.

### Recommended Products this machin can fill

**Less than Water to Pastes (Depending on Pump Type Used)** Water, Fruit Juices & Extracts, Liquid Tea, Liquid Coffee, Food Coloring, Vegetable Oil, Milk, Tomato juice, Most Salad Dressings, heavy sauces, honey, wax, cosmetic creams, heavy shampoo, hair gels, conditioners, paste cleaners, Perfumes, Essential Oils, Ink, Thin Liquid Soap, Shampoo's, Light Makeup remover, Motor Oil, Silicone, Alcohol, and many more.

<sup>1</sup> Fill speed is dependent on several things; the operator, viscosity, dose size, and whether or not it foams.

<sup>2</sup> Longer nozzles have to be added for manually bottom up filling.

<sup>3</sup> Contact parts will need to be changed to match the corrosive product

<sup>4</sup> May require changes, depending on the fill temperature.

## Specifications

### Dimensions:

Height: 64" (1625.6 mm)

Length: 35" (889 mm)

Depth: 48" (1219.2 mm)

### Weight:

Approx. 300 lbs. (181.4 kg)

### Product Filling Speed:

Approx. 40 CPM<sup>1</sup>

### Fill Size:

0.5 oz - 5 gal.

### Viscosity Range:

0-18,000 cps

### Foamy Product:

Yes<sup>2</sup>

### Corrosive Product:

Yes<sup>3</sup>

### Heated Product:

Yes<sup>4</sup>

### Particulates:

No

### Electrical:

110/240 VAC / Single Phase / 40 AMP

### Air Requirements:

80 PSI

