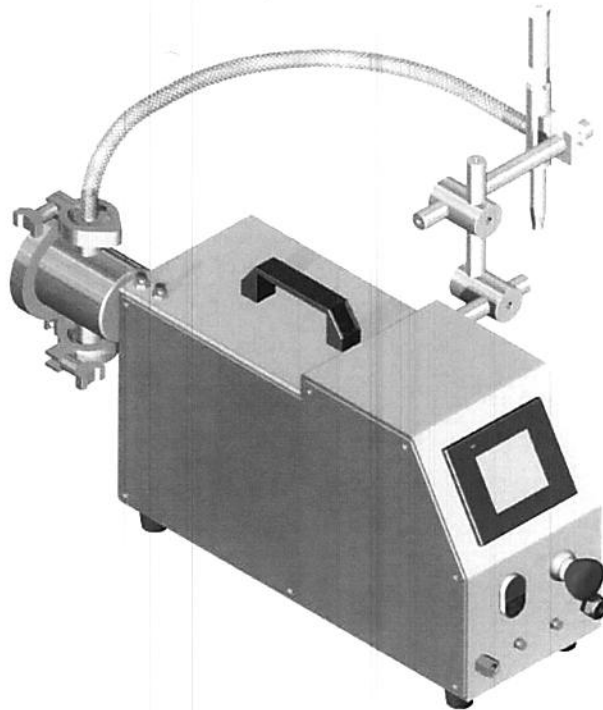




SEMI-AUTOMATIC PUMP FILLER – MODEL TRUPUMP-1S



Expandable pump filler Model TruPump-1S, semi-automatic pump filling machine

Pump features:

- Gear pump filler
- Max flow rate: 12 liter per minute, 24 liter optional
- The pump is contained within a solid 316 type stainless steel seamless vault that features a Tri-clover clamp at one end. It is mounted at an angle to facilitate a smooth fluid path.
- The pump can rotate 360 degrees in order to easily accommodate any required hose configuration.
- The pump comes completely apart by removing a single industry standard Tri-Clover clamp. The drive and idler shaft bushings can be easily removed for sterilization Pump gear box: 316L Stainless, Fully Machined
- Pump gears: Teflon.
- Pump Front Cover: 316L stainless steel.
- Pump Elastomers: Viton or EPDM



Pump drive system (1 system per pump):

- ½ Hp, 208/220 Volts, 3 Phase motor.
- Omron drive for control of each pump.
- Dynamic braking for correct positioning.
- 360 line encoder on each motor, connected to high speed counters on PLC

Control panel features:

- Omron PLC for all machine logic functions, special modifications on programs available for special adaptations.
- Bottle counter.
- Front panel Start and Emergency STOP for easy access.
- Job memory for recipe calling to minimize changeover times.

Drip free Nozzles (Standard length):

- Contact parts manufactured in 316L stainless steel.
- 1 inch stroke air cylinder.
- Teflon spring loaded seal
- Threaded Teflon tip.
- Sizes available: 3/4, 5/8, 9/16, 1/2, 3/8 and 1/4 inch.
- Larger sizes available at \$500 additional cost: 1 and 1-1/4 inch.

Electric and pneumatic requirements:

- 220 Volts, 60Hz, 5 Amps
- 2 CFM @ 80 p.s.i.

Cone shaped hopper:

- Stainless steel hopper for high viscosity products.
- 3 cubic feet.
- Direct vertical feed to pump.



Automation option for TruPump-1S includes:

- Stainless steel tubular support frame, required for automation cylinders and sensors
- Photoelectric sensor for automatic bottle filling
- Dual cylinder container handling
- Vertical nozzle movement
- Signal to stop conveyor while filling (Conveyor not included)

