



## *Automatic Piston Liquid Filler with Safety Cover NFP-565*



NFP-565 This volumetric piston filler is designed for general flowing liquids and liquids with higher consistency, and it applies to products including beverages, chemicals, pharmaceuticals, cosmetics, etc. In addition, different filling containers are also applicable without changing any components, so the filler can be widely used. The filling machine is simple to be operated, and a housing is installed for food hygiene concerns.

### **Features:**

1. Automatic saved parameters for fast changeover without setting the system repeatedly.
2. A PVC anti-dust housing is installed to make sure the machine comply with the standard of food hygiene.
3. Equipped with diving nozzles as an anti-bubble device for subsurface filling of foaming products.
4. Provide several operating modes for different production requirements.
5. Automatic bottle feeding, spacing, and positioning system with adjustable conveyor for choosing bottle feeding speed and with a sensor for detecting feeding volume.
6. Adopt advanced servo motor to enable multi-filling-cylinders to fill synchronously to provide high accuracy production process in high speed.
7. Selected ball-shaped check valves are used to prevent liquids from dripping out to ensure filling quality.

8. Equipped with emergency stop button and alarm system in case error occurs.
9. Controlled by PLC with color touch screen: filling volume, speed, and interval time can be adjusted directly on the touch screen without mechanical adjustment.
10. Precision machine with strong structure: made of SUS#316 or 316 L stainless steel and aluminum alloy for frame construction to comply with cGMP standard.
11. Multi-filling-modes: filling beneath the surface, filling above the surface, or filling at the opening to fit for various characters of liquids.

**Specification:**

- Filling range: 50~4000 ml
- Filling accuracy: 0.5~1 %
- Tank size: 100~200 L
- Power supply: 100/220 VAC; 50/60 Hz; Single phase
- Dimensions: (L) 1800 mm (W) 1050 mm (H) 1800 mm

**Option Accessories:**

- Bottle feeding and accumulating turntables