

NP-VF Automatic Piston Filling Machine



The NP-VF Inline piston filling machine was driven by a main servo motor or each piston driven by individual servo motor. It is npack main products, after 10 years development, it is capable for filling liquid with high viscosity and high foam in the food, chemical and cosmetics industry. For automatic volumetric measurement dosing system, the NP-VF is one of the best choice with stable working technology, high efficient and lower investment.

Feature

- Machine construction structure material is 304 stainless steel ,with material quality certificate
- Pistons and dosing head is made by 316L SS with material certificate
- Piston gaskets is made by non-corrosive material according to the liquid products.
- Electrical installation and CPU is water proof designed and building.
- Pneumatic adapt with SMC or Festo as a main part.
- HMI is installed in the dosed product release side.
- Equip with minimum 3 emergency stop buttons, one near the touch screen, one near empty product insertion side and one in the back side of the machine.
- CPU and HMI is Europ, Japan and China Brand
- Electrical components schneider
- Identification of each cable with single line electrical diagram for the whole electric installation.
- Ball-bearing and seals are SKF and China top level brand.
- Servo driven diving filling heads while dosing liquid
- Pneumatic shut off and anti-drips filling nozzles
- Drips tray is a standard feature

Technical Parameters

Name	Specification
Filling Nozzles	2-20 Nozzles
Production Capacity	10 to 150 bpm
Power	1.5KW to 3KW, 220/380VAC
Accuracy	±3ML
Driven	Servo Motor
Filling Volume	100ml to 5000ml
HMI	German or China Brand