



HSFA series Liquid and ointment double-duty piston filling machine (Pure pneumatic)



This piston filling machines HSFA series are applied to fill liquid and semi liquid (viscous Liquid, ointment) products into various containers.

This pure pneumatic machine is especially suitable for the explosion-resistant and humid Production environment.

This machine is widely used in pharmacy, foodstuff, chemical, cosmetic industries and other special industries.

Features:

- All the components that come in contact with product are made of 316L stainless steel Which is sourced from Sweden and processed by CNC machines to ensure a surface Roughness lower than 0.8, no pollution, easy cleaning, meet the GMP standard.
- This machine is controlled by compressed air, so it is suitable for using at explosion-Resistant and humid environment.
- Because of the pneumatic controls and mechanical positioning, this machine has high filling accuracy which is within 0.5%.
- Two filling modes for you to choose- "Manual" and "Auto".
- The filling volume and speed are adjusted using screws and the counter, which provides ease of adjustment and allows the operator to read the real-time filling volume on the counter.
- The filling nozzle adopts anti-leakage, no pollution, save time and materials.

- The piston and throttle valves units are connected by hook-and-loop fasteners, it takes only 1 minute to assemble and disassemble the unit without any tool, and cleaning is very easy.
 - When you need to stop the machine in an emergency, press the URGENT button. The piston will go back to its initial location and the filling will be stopped immediately.
 - We've developed two series of HSFA machine. TOP series (T series) and POP series (P series) to meet the demand of different customers.
- T series: The pneumatic components are from FESTO, Germany.
P series: The pneumatic components are from Taiwan or Korea.
- This machine can be appended other special device according to customers request. Such as: acicular filling Nozzles, feed hopper, ball valve system, lifting device etc.
 - The proportion of equipment malfunction is extremely small. easy to clean, tool free.

Technical Parameters:

Filling speed	800-1200 bottle/min
Filling accuracy	Within 0.5%
Air pressure	8 kg/cm ²

Model	Filling range	air consumption	Weight	Overall size
HSFA-60	5-60 ml	23 L/min	11 kg	92X28X40 cm
HSFA-120	10-120 ml	30 L/min	22 kg	92X28X40 cm
HSFA-250	25-250 ml	44 L/min	25 kg	102X30X40 cm
HSFA-500	50-500 ml	87 L/min	28 kg	108X32X41 cm
HSFA-1000	100-1000 ml	160 L/min	36 kg	128X36X41 cm
HSFA-2500	250-2500 ml	300 L/min	60 kg	130X60X51 cm
HSFA-5000	500-5000 ml	450 L/min	75 kg	130X60X51 cm