

Automatic Shampoo Filling Machine PLC Controlled 12 Nozzle

Our Product Introduction

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Basic Information

- Place of Origin: Changzhou, China
- Brand Name: TOM
- Certification: ISO9001:2000, ISO14001, OHSAS18001, CE, CO
- Model Number: GZH-12DA
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Non-fumigation Wooden Case inserted Iron Shelf, Suitable for Long Time Sea Delivery
- Delivery Time: 30 WORKING DAYS
- Payment Terms: T/T
- Supply Ability: 25SETS/MONTHLY



Product Specification

- Material: SS304 Or SS316L
- Pneumatic Element: Airtac
- Electronic Element: Siemens, Schneider Or Panasonic
- Filling Tank: Including
- Liquid Level Sensor: Including
- Cleaning Function: Including
- Highlight: Automatic Shampoo Filling Machine, Shampoo Filling Machine PLC Controlled, 12 Nozzle shampoo bottle filler



Automatic PLC Controlled 12 Nozzle Shampoo Filling Machine, Piston Filling Machine

**Major characteristics:**

This is linear piston filling machine, especially designed for high viscous, low viscous and non-viscous products. Controlled by PLC and touch screen control panel. Accurate measuring, advanced structure, stable operation, and low noise, widely adjusting range and fast filling speed.

1. Adopts advanced mechanical and electrical integration technology. Any filling specification can easily be done by changing parameters in touch screen. Not only the filling volume of all filling heads can be changed substantially, but also each filling head volume can be changed finely.
2. With PLC technologies, which make operation of machine steadier, convenient, the human machine interface is friendlier. Photoelectric sensor, approaching switch and other elements are using international famous brand. No bottle no filling, the machine can stop automatically and alarm when bottles get blocked.
3. Various sealing rings used can meet different characteristics of products requirements.
4. Designing and production meet GMP. Easily dismantle, clean and maintain. The parts which contact filling products are made of high quality stainless steel. The machine is safe, environmental, sanitary, adapting to various kinds of working places.
5. The material which contacts liquid will be made of SS316L.
6. This machine has the function of "automatic cleaning system" in PLC, can be operated by touch screen.

Technical parameters:

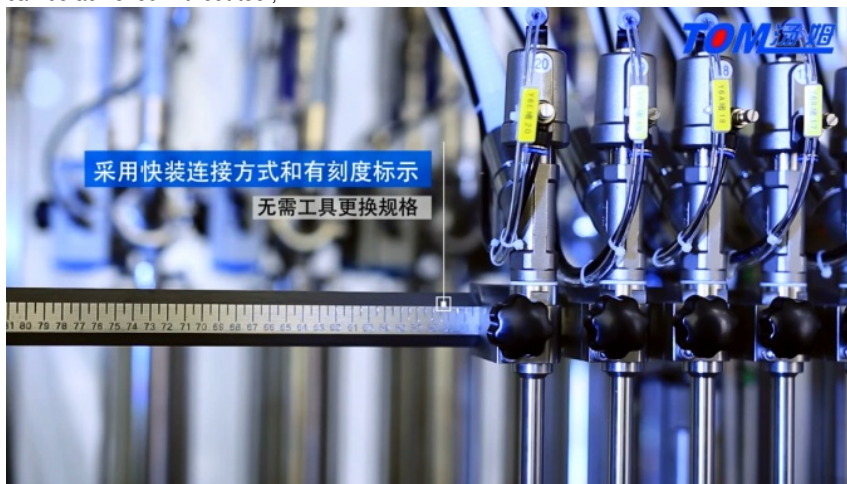
No.	Items	Performance
01	Power supply	AC220V/380V; 50Hz (may customized)
02	Power	1.5 Kw-4.5Kw
03	Air source	0.55Mpa-0.6Mpa clean and stable compressed air
04	Bottle diameter	Φ40mm Φ100mm (may customized)
05	Bottle height	60mm 230mm (may customized)
06	Filling product	High viscous, low viscous and non-viscous products such as Detergent, Shampoo
07	Filling range	100ml-1000ml
08	Filling error	±2g
09	Number of filling nozzles	12 filling heads
10	Production capacity	3600 bottles/hour
11	Machine weight	about 1500Kg
12	Machine dimension (L×W×H)	2000mm×1500mm×2200mm

Machine details:**Filling nozzle:**

The filling nozzle is extended, can diving into the bottle bottom to filling, filling meanwhile going up, to prevent bubbles.



The position of adjustment are all carved scale or equipped with digital display, easy to adjust; and specification adjustment can be achieved without tool;





Part of filling hopper:

- (1) The connector is all adopt fast loading clamp type, easily dismantle, clean and maintain.
- (2) All pipe joints are installed a drip tight gasket, for avoiding liquid drip, ensured a long-term service life and won't penetrate.
- (3) Designing and production meet GMP. Easily dismantle, clean and maintain.



Piston fall off piston cylinder

For the difficulty of cleaning piston cylinder and changing sealing ring, our company designed a new filling machine which adopt fully automatic cleaning system, before clean or replace material, through man-machine interface operation, the piston can automatically fall off and return the piston cylinder, then the rest material will flow into recycling platform by gravity, save the time of manual cleaning.



Application products:

This filling machine is good work for shampoo, detergent and some other viscous and high-Viscous liquid.



Packaging & Shipping

1. the machine is packed by non-fumigation wooden case, and for keeping the wooden case more secure, we inserted the iron support inside wooden case, makes it suitable for long-term sea delivery.





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