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5L Automatic Water Bottle Filling Machine



This kind of linear type water filling machine can be used for 3L-10L bottle, and no need to change any spare parts when you change the bottle volume from 3L to 10L. More bigger bottle customized, the specific design can use for filling edible oil/cooking oil.

All 304 stainless steel rinser heads, water spray style inject design, more save water consumption & more clean.

High precision filling nozzle/valves, PLC variable signal control, ensure high filling precision & filling smoothly & stably.

Place & capping system, electromagnetic capping heads, with burden discharge function, make sure minimum bottle crash during capping.

No bottle, no filling, no capping and Automatic stop when lack of bottle.

1. Structure:

- 1) Conveyor
- 2) Rinsing system
- 3) Filling system
- 4) Capping system
- 5) Electrical control system.

2. Component list:

- 1) Touch screen: Taiwan Winview

- 2) PLC: LS
- 3) Proximity switch: OMRON;
- 4) Cylinder: AirTac.

Technical parameter:

Capacity	100 - 500 B/H (5L)
Used air	0.3M ³ /min
Used water for washing bottles(max for 500BPH)	0.25 T/H
Total capacity of motor(max for 500BPH)	2.5Kw; 380V/50Hz
Overall dimension	5000*950*1970(L*W*H: mm)
Function	Washing/Filling/Capping; PLC control; Stainless steel 304 body.

4. Pictures of 5L Automatic Water Bottle Filling Machine:

