

## *Automatic Gravity Type Liquid Filling Machine GZ100L-6*



Fully automatic bottle arrange machin (Finished product collecting machine)

### **Equipment performance description and characteristics**

1. Filling Nozzles: 6 Nozzles (designed according to customer speed),
2. Filling capacity: 50ml-1000ml, The filling speed can be adjusted to prevent overflow.
3. Filling speed: 5-6 bottles/min/head (6 heads≈).
4. Filling accuracy:  $\leq \pm 1\%$ ;
5. Filling temperature: 20°C~60°C (over 60°C shall be replaced with pipes and sealing rings);
6. Filling form: time control filling quantity;
7. It is equipped with non-filling function without bottle, and the liquid level can automatically control feeding to effectively reduce equipment failure;
8. The overall program control adopts PLC+ touch screen, making the adjustment easier to understand;
9. The overall appearance material is mainly made of 304 stainless steel with a thickness of 1.2mm;
10. Plexiglass is made of imported acrylic with a thickness of 10mm and high-end atmosphere;
11. Material in contact with liquid parts such as feed tank: 304# stainless steel, food-grade silicone, food-grade PVC;
12. The filling nozzle is made of 304 stainless steel, which is corrosion-resistant and conforms to GMP production requirements;
13. The feeding hose is made of PVC, and the temperature range is -10°C~+90°C;
14. The standard machine includes automatic feeding form as self-supporting pump;
15. The filling quantity and filling speed are easy to adjust, operated and displayed by the touch screen, with beautiful appearance;

16. Strong equipment compatibility, no need to replace parts, can be quickly adjusted and replaced with bottles of different shapes and specifications, can meet the production requirements of multiple varieties and specifications;
17. Tank capacity: 50 liters, with float level switch, to ensure the efficient and uninterrupted operation of the equipment;
18. The conveyor belt shall be 2 meters long, 0.9 meters high and 114mm wide;
19. The size of the equipment is 1980x80x1950 meters long, and the size after packing is 2.05 meters x0.97 meters x2.1 meters (referring to the filling of 10 heads);
20. The net weight is about 400KG, and the gross weight is about 450KG (referring to the 10-head filling);
21. Power supply:220V,50/60Hz,Conveyor belt motor 0.2KW, self-supporting pump power 0.25KW, total power: 0.45KW;
22. The conveyor belt is made of nylon POM material with good wear resistance;
23. All true color man-machine interface, terminal display operation platform adopts Chinese and English menus, man-machine interface has the functions of parameter setting, manual operation, fault warning, etc., which is intuitive and simple;It greatly facilitates the adjustment of parameters and the testing of various functions.
24. It is widely used for filling low-viscosity non-gaseous liquids such as milk, wine, drinking water, etc., as well as various kinds of food and drinks (such as tea drinks, soy sauce, wine, vinegar, etc.), medicine, chemical industry, pesticide (containing acid, alkali, organic solvent or dimethyl benzene) and other industries in the filling of various easily flowing liquids.
25. The machine needs to be equipped with an air compressor, with the minimum air source pressure of 0.6mpa;