



## *Automatic Filling Stoppering Pre Filled Syringe Filling Machine*



This product is specially designed by our company for the filling of plastic syringes. It is an automatic packaging equipment for aseptic and efficient filling of syringes. The equipment runs smoothly, is simple to operate, and is equipped with intelligent detection devices, with high automation, high work efficiency, convenient maintenance, and the technology can reach the current domestic industry advanced level.

### **Main Feature:**

1. This product is widely used for filling and capping of various types of plastic syringes, and special types can be customized.
2. The surface is made of SUS 304 stainless steel, and the contact parts are made of SUS 316L stainless steel and medical silicon rubber, which fully meets the requirements of GMP specifications.
3. The ceramic plunger pump realizes quantitative filling, is resistant to acid and alkali corrosion, wear-resisting and high temperature, and has high filling accuracy.
4. The conveying and sorting of the caps is realized by the vibratory feeder, which adopts the SUS 316L stainless steel clean plate, which has a bright surface treatment and no clean dead corners.
5. Adopting internationally well-known electrical components, implementing non-interference modular control, all synchronous actions are controlled by servo motors, which are accurate and reliable, and easy to operate.
6. The operation of the motor is controlled by the PLC programming controller, and the human-computer interaction interface monitors and displays the working status of each station in real time, and automatically alarms and displays the fault location in real time, and the fault prompts.
7. Fully automatic operation, automatic filling, automatic organizing and automatic capping.

8. The method of filling the syringe head can eliminate the air inside the syringe to the greatest extent and improve the qualification rate.
9. Modular design, easy to locate, easy to expand, can be used as a stand-alone machine or connected to hoist, assembly machine, rotary rod machine, labeling machine and other equipment to form a production line.
10. Optional 100-level laminar flow hood to achieve high-demand clean production.

### Machine Data:

<b>filling machine</b>	
Applicable materials	Water agent and ointment
Insyringe syringe applicable	0.5-80ml
Filling accuracy	≤±1-2%
Number of injection needles	One
productive power	1800-2700 branches / h
gross power	3KW
voltage	380V/220V 50-60Hz
<b>group installed equipment</b>	
Applicable package material	Custom plastic syringes
Insyringe syringe applicable	5-80ml
Silicon oil assembly	Japanese import customization
noise	≤ 60 decibels
production capacity	1800-2700 branches / h
gross power	3KW
voltage	380V/220V 50-60Hz
<b>auto loading conveyor</b>	
Applicable package material	Custom plastic syringes
Insyringe syringe applicable	5-80ml
noises	≤ 60 decibels
Feeding capacity	0-180 units / min (Adjustable)
gross power	1.5KW
voltage	380V/220V 50-60Hz
physical dimension	L1100×W952×H1785mm
Max forming depth	12mm
Cutting frequency	0-25
Packing material	PVC/PE(0.2-0.4)×120mm
Capacity	1-50ml
Indtalled power	6.5Kw
Voltage	380V/50Hz
Machine's weight	850Kg
Quter size(L×W×H)	3200×850×1400mm