

SED-1YGFP-K Syringe Filling and Capping Machine With Automatic



This product is specially designed by our company for the filling of prefilled 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. It has high automation, high work efficiency and easy maintenance. It is an ideal equipment for filling and capping prefilled plastic syringes.

Feature

- This product is widely applicable to various types of prefilled plastic syringes, and special types of syringes can also be customized.
- The surface is made of SUS304 stainless steel, and the contact parts are made of SUS316L stainless steel and medical silicon rubber, which fully meets the requirements of GMP specifications.
- The ceramic plunger pump realizes quantitative filling, is resistant to acid and alkali corrosion, wear-resisting and high temperature, and has high filling accuracy.
- The conveying and sorting of the caps is realized by the vibratory feeder, which is made of SUS316L stainless steel clean plate with bright surface treatment and no clean dead corners.
- It adopts internationally renowned electrical components and implements interference-free modular control. Synchronous actions are all controlled by servo motors, which are accurate and reliable and easy to operate.
- The operation of the motor is controlled by the PLC programming controller. 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.
- Fully automatic operation, automatic feeding, automatic filling, automatic cap arranging and automatic capping.

- The method of filling the syringe head can eliminate the air inside the syringe to the greatest extent and improve the qualification rate.
- 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.
- Optional automatic replenishment system, using liquid level sensing, automatic replenishment when lack of material.
- Optional hundred-level laminar flow hood to achieve high-demand clean production.

Product Description

Filling Volume	0.5-80ml
Filling Accuracy	≤1-3%
Production Capacity	1800-2400 p/h
Motor Power	2.2KW
Compressed Air	0.55-0.75Mpa 20L/S
Overall Dimension	L1400×W950×H1800mm
Machine Weight	500KG