



MIC-SGJ1 Syringe Filling Equipment



Syringe filling equipment plays a crucial role in pharmaceutical manufacturing, ensuring precise and efficient filling of syringes with various medications and vaccines. This article provides an overview of syringe filling equipment, highlighting its importance, key features, and benefits in pharmaceutical production.

This syringe filling machine is suitable for:

Filling and packaging of various syringes, boosters, injection tubes and the like in the fields of medicine, chemistry, biology and the like.

The characteristics of this machine are:

1. Prefilled syringe filling machines Accurate filling, controlling bubble during plugging. Automatic operation with monitoring all the way. Beside normal liquid, also suitable for filling transparent viscous liquid like ester acid.
2. Prefilled syringe filling machine included 2sets of servo motors for accurate filling, plugging reliability and accurate row by row moving during filling operation.
3. Prefilled syringe filling machines S/S rotating pump. Filling volume set-up and accuracy tuning are operated on touch-screen without any tool.
4. Prefilled syringe filling machines SIEMENS color touch screen. Real time monitoring and display of each operating status, vacuum pressure, nitrogen pressure, C/A pressure, fault alarm with position indication, fault indication and record. Multi-languages display.
5. Prefilled syringe filling machines Plugging quality is monitored with MVS(machine vision system), to ensure higher acceptability(Optional).

6. Prefilled syringe filling machines Process parameters can be timely printed, stored and retrievable.

7. Prefilled syringe filling machines All contact parts are made of SUS 316L and medical silicon rubber. Machine is coated with SUS 304 and 6061 oxidized aluminum alloy.

Parameter

Voltage	110V/220V/380V
Air Supply	0.6-0.8Mpa
Filling Speed	20-30 pcs/minute
Filling Nozzle	1
Motor Power	2KW
Air Consumption	0.4m ³ /minute
Filling Accuracy	±1%
Plugging Nozzle	1