



Automatic Glass Syringe Filling Machine



Accurately fill and control bubbles when plugging. Automatic operation, full monitoring. In addition to normal liquids, it is also suitable for filling transparent viscous liquids such as ester acids. 5 synovial fluid filling nozzle. 4 sets of servo motors (Jingchuan, Japan), accurate filling and plugging in the filling process, reliable and accurate line-by-line movement.

S/S rotary pump. Filling volume settings and precision adjustments operate on the touch screen without any tools.

Siemens color touch screen. Real-time monitoring and display of various operating conditions, vacuum pressure, nitrogen pressure, C/A pressure, fault alarm and position indication, fault indication and recording. Multi-language display.

Use MVS (Machine Vision System) to monitor plug quality to ensure greater acceptability (optional).

Process parameters can be printed, stored and retrieved in a timely manner.

All contact parts are made of SUS316L and medical silicone rubber. The machine is coated with SUS304 and 6061 oxidized aluminum alloy.

The pre-filled syringe filling machine is an automatic pre-filled pre-sterilized syringe produced by BD, BG and major suppliers in China. The process flow is: syringe sleeve feeding, paper cover opening/polishing, vacuum filling, vacuum insertion. The plug and the barrel are discharged.

Parameters:

Applicable specifications	1-10ML glass tube
Production	2000 hours per hour
Filling pump	3 sets of ceramic rotary valve pumps
Filling accuracy	±5‰
Passage pass rate	≥98%
Rotary rod pass rate	≥98%
Electric power	6kw, 380v, 50hz
Total mass	1300kg
Dimensions	3200x1750x2000 (mm)