

SED-1ZGS Full Automatic Vacuum Pre Filled Syringe Filling Machine



This machine consists of syringe tray, filling system, stopper supplying system and electric control system.

The two servo motors control the ceramic pump to set the filling volume. The other two servo motors drive the syringe tray to move in the horizontal direction to fill the syringe and seal it.

Characteristic:

- Servo motor control, filling precision is high, running speed is high, filling error is small.
- Ceramic pump filling, without dripping, easy to disassemble and clean.
- Horizontal positioning is precise, running is stable, and the change of the syringe tray is easy.
- Touch panel operation and plc control, with inter-lock function, reliable safety standard and high automation degree.
- CE certified, standard electric installation, safety guarantee on operation.
- Equip with acrylic glass protection hood.
- Optional 100-class laminar flow
- Optional nitrogen, filling and vacuum device
- The whole machine is designed according to gmp requirements.

Advantages

- Load a tray by hand and to load syringes tubes automatically and continuously
- The needle of syringes are filling and the liquid going up, Be sure the liquid no overflow
- Insert plunger with vacuum, be sure the plunger and liquid level closed enough without air.
- Syringe machine can inspect by itself, it case accident happen.

- The material contact parts are AISI 316L stainless steel and ceramic
- Star wheel type automatic produce and convenient to operate

Machine Parameters

Filling Volume	0.1-3ml
Filling Accuracy	≤0.3%
Max Viscosity	2500000-3500000MPas
Syringe Types	0.5ml 1-3ml
Filling Speed	15-35 (Pc/Min)
Motor Power	1.5 KW
Air Supply	0.4-0.6 Mpa 20L/S
Overall Dimension	1560mm x 800mm x 1800mm
Machine Weight	650 Kgs