

## *Prefilled Syringe Machine (include vaccine)*



Prefilled syringe is a new type of drug packaging developed in 1990s. After more than 30 years of popularization and use, it has played a good role in preventing the spread of infectious diseases and the development of medical treatment. Prefilled syringes are mainly used for packaging and storage of high-grade drugs and are directly used for injection or surgical ophthalmology, otology, orthopedics, etc.

At present, the first generation of all glass syringe has been less used. The second generation disposable sterile plastic syringe is widely used in the world. Although it has the advantages of low cost and convenient use, it also has its own defects, such as acid and alkali resistance, recycling and environmental pollution. Therefore, developed countries and regions have gradually promoted the use of the third generation of pre filled syringes. A kind of the pre filling syringe has the functions of storing medicine and ordinary injection at the same time, and uses the materials with good compatibility and stability. It is not only safe and reliable, but also reduces the labor and cost from production to use to the greatest extent compared with the traditional "medicine bottle + syringe", which brings many advantages to pharmaceutical enterprises and clinical use. At present, more and more pharmaceutical enterprises have adopted and applied in clinical practice. In the next few years, it will become the main packaging method of drugs, and gradually replace the status of ordinary syringes.

## Technical Parameters

Filling Volume	0.5ml, 1ml, 1-3ml, 5ml, 10ml, 20ml
Number of Filling Head	10 Sets
Capacity	2,400-6,00 Syringes/Hour
Y Travel Distance	300 mm
Nitrogen	1Kg/cm <sup>2</sup> , 0.1m <sup>3</sup> /min 0.25
Compressed Air	6kg/cm <sup>2</sup> , 0.15m <sup>3</sup> /min
Power Supply	3P 380V/220V 50-60Hz 3.5KW
Dimension	1400(L)x1000(W)x2200mm(H)
Weight	750Kg