

AGF Ampoule filling and sealing machine



Installation AGF used for filling and sealing the glass vials of glass of 1 ml - 20 ml, it will automatically perform the following procedure: feeding the packaging, filling with nitrogen, filled with liquid drugs, heating, sealing of, the final product unloading. The equipment can be used both independently and in conjunction with the installation of an ultrasonic washing and drying-sterilizer.

Characteristic:

1. The tape supply container is a stainless steel chain conveyor, which ensures smooth transport, which in turn prevents a drop or damage the container .,
2. The screw conveyor is associated with wheel-finger working body, and areas in turn is associated with a small stepper conveyor. Thus, the ampoules move stably without any damage.
3. The function: "no bottle - no filling." The sensor is reliable evidence, durability and low failure rate. If no damage or ampoule neck, the filling machine stops.
4. Stepper conveyor device is a three-section structure. ampoules supplying and receiving section sufficiently small, with a central section characterized by a large size.
5. Stepper feeder design can vary from the normal to the coupling type high precision linear motion guide type.
6. Smooth movement lift filling syringes. filling station is a special positioning device vials to avoid friction between filling the syringes and ampoules.
7. Depending on customer requirements, the filling system can be fitted with metal metering pump, a peristaltic pump or a ceramic pump.
8. Low percentage ampoules damage.
9. Simple and easy replacement of spare parts by simply turning the lever
10. A more simple and stable transmission, uniform heating of the ampoule during rotation, a high level of sealing.

11. with end structure provides a more convenient and fast installation and troubleshooting. The heating device is a convenient device for height adjustment.
12. Sensor for calculating yields.
13. Excellent cleaning result without matte stains on the surface.
14. PLC, the interface "man-machine" for the management and control of operational status. Parameters such as the speed of production, working hours, as well as a fault occurs in a timely manner are displayed using the interface.
15. Change of spare parts takes place conveniently and easily.
16. The entire filling process is a closed system in laminar flow. The finished products are of high purity.
17. Syringes in contact with liquid medicines are made from 316 stainless steel, are in strict accordance with GMP requirements.

Technical specifications:

Type	Performance (max)	Gas consumption	Oxygen consumption	Power, kWt	Net Weight (kg)	Dimensions (mm)
AGF10/1-20	1-2 ml : 30000 pcs / h	500 l / h (2-3*10 ⁴ Pa)	1500 l / h (2-5*10 ⁴ Pa)	2,6	2600	3400*2100*2300
	5 ml : 21000 pcs / h					
	10 ml : 17000 pcs / h					
	20 ml : 12000 pcs / h					
AGF12/1-10	1-2 ml : 36000 pcs / h	600 l / h (2-3*10 ⁴ Pa)	1800 l / h (2-5*10 ⁴ Pa)	2,6	2600	3400*2100*2300
	5 ml : 25000 pcs / h					
	10 ml : 20000 pcs / h					

FE Pharmatech Company is a Chinese manufacturer and supplier of plants for filling and sealing of ampoules. We offer labeling machines for bottles, bottle washing machines, co extrusion lines for film production of Non-PVC, and more.