

Chemical Vial Bottle Dry Powder Filling Capping Machine



Advanced design. The machine suits for the filling of different sizes of vessel may change the filling sizes within a few minutes. Short filling circle, high production capacity. Changing filling circle, high production capacity. User may choose the filling volume and decide the filling heads per own production capacity. The touching operation color screen, can display the production state, operation procedures and filling ways, tableau objective, operation simple and maintenance convenient.

Overview

The vial filling production line is composed of ultrasonic bottle washing machine, dryer sterilizer, filling stoppering machine, and capping machine. It can complete spraying water, ultrasonic cleaning, flushing of inner and outer wall of bottle, preheating, drying and sterilization, heat source removing, cooling, bottle unscrambling, (nitrogen pre-filling), filling, (nitrogen post-filling), stopper unscrambling, stopper pressing, cap unscrambling, capping and other complex functions, realizing automatic production of the whole process. Each machine can be used separately, or in linkage line. The whole line is mainly used for filling of vial liquid injections and freeze-dried powder injections in pharmaceutical factories, it can also be applied to production of antibiotics, bio-pharmaceuticals, chemical pharmaceuticals, blood products etc.

Features

1. It can be equipped with a protecting cover and a checking-drop installation according to client's requirement.
2. It has the advantage of high-level automation degree, high-rate of finished products, good adaptability and stability which is popular among users.
3. It adopts the PLC program system to control, equipped with touch screen man-machine interface system, it's convenient and easy to operate.

4. The filling machine is designed according to GMP requirements, which is made of stainless steel under the international of SUS316L, SUS304.
5. Monoblock system makes the machine small & delicate; adopting graduator to position bottles, it's much more stable, easier to change & adjust for bottles of different sizes.
6. No bottle, no filling. This machine is simple operation, saving merits of human, not consumption field, etc.

Parameter

Model	SHPD4	SHPD6	SHPD8
Applicable specifications	2~30ml vial bottles		
Filling heads	4	6	8
Production capacity	50-100bts/min	80-150bts/min	100-200bts/min
Stoppling qualification rate	≥99%		
Laminar air cleanliness	100 grade		
Vacuum pumping speed	10m ³ /h	30m ³ /h	50m ³ /h
Power consumption	5kw		
Power supply	220V/380V 50Hz		

Model	SHPD10	SHPD12	SHPD20
Applicable specifications	2~30ml vial bottles		
Filling heads	10	12	20
Production capacity	150-300bts/min	200-400bts/min	250-500bts/min
Stoppling qualification rate	≥99%		
Laminar air cleanliness	100 grade		
Vacuum pumping speed	60m ³ /h	60m ³ /h	100m ³ /h
Power consumption	5kw		
Power supply	220V/380V 50Hz		