

## *XHL-XXQ-series Automatic Powder Packing Machine*



The series of products are mainly used for aseptic filling of serum, cell culture medium, etc. in such industries as medicine, biology, etc. The production line inherits internationally advanced technology in its structural principle, and incorporates various patented technologies with independent intellectual property rights. It has reached the advanced level and can replace similar imported products.

### **Features**

- Integrated structure of bottle unscrambling, cap taking, filling and cap turning, taking small floor space with stable and reliable operation.
- The peristaltic pump or ceramic pump is adopted, or for products of large volume, the weighing type filling principle is adopted, so as to ensure that the liquid is free from contamination.
- Safe and reliable 100-grade laminar flow protection system and dust particles and airborne microbe detection system.
- The filling volume is adjusted on the man-machine interface with simple operation and high filling accuracy.
- Full servo-driven actions, stable, reliable and adjustable. PLC control system with variable frequency speed control, high degree of automation and high synchronization of all actions.
- The filling system is provided with the anti-leaking device, resizing filling from the bottom of the bottle, rising slowly and avoiding bubbles.
- The whole machine is suitable for various specifications of bottles and adjustments can be completed conveniently within a short time.
- The cap turning device is used for both cap taking and cap turning. The gripper type cap turning head is adopted, which is stable and reliable with adjustable torque.
- The whole machine is designed according to GMP requirements.
- It is also suitable for the filling of capped bottles that have been sterilized in other fields.

## Technical Parameters:

Product model:	XXQ2/1	XXQ8/8	XQD4/6
Production capacity:	15-20 bottles/minute	50-60 bottles/minute	80-120 bottles/minute
Number of filling heads:	2 head	8 head	4 head
Filling range:	1-30ml		
Filling accuracy:	≤±0.5%		
Number of cap taking heads:	1 head	8 head	6 head
Number of cap turning heads:	1 head	8 head	6 head
Bottle moving mode:	Round disc positioning type	Linear positioning type	Continuous rotary type
Pass rate:	≥99.9%		
Power supply:	220/380V 50/60Hz		
Power:	≤2.2kw	≤6kw	≤6kw
Compressed air:	0.4-0.6MPa		
Weight:	800kg	1500kg	3000kg
Outline dimensions:	See the schematic dimension		

Product model:	XQD4/1	XQD8/8
Production capacity:	15-20 bottles/minute	10-20 bottles/minute
Number of filling heads:	4 head	8 head
Filling range:	30-50ml	500-1000ml
Filling accuracy:	≤±0.5%	
Number of cap taking heads:	1 head	8 head
Number of cap turning heads:	1 head	8 head
Bottle moving mode:	Round disc positioning type	Linear positioning type
Pass rate:	≥99.9%	
Power supply:	220/380V 50/60Hz	
Power:	≤3kw	≤6kw
Compressed air:	0.4-0.6MPa	
Weight:	2000kg	2000kg
Outline dimensions:	See the schematic dimension	