

XHL-YGS6/1 Drinking Water Filling Machine



YGS series consists of 4 models. The difference is the filling head of the machine is different. This machine adopts 316L stainless steel plunger metering pump for filling. It is integrated with automatic top cover, automatic cap turning (cap), and electromechanical and pneumatic integration. Economical and practical, small floor space. Widely used in medicine, food, food and other industries of liquid packaging. Pesticides, chemicals, cosmetics, etc., fully meet the requirements of GMP.

Features

- Integrating filling and cap turning (capping) and taking small floor space. It has servo driving, the filling volume can be adjusted on the man-machine interface, featured by convenient operation and quick adjustment.
- It adopts the plunger metering pump to fill liquids of various viscosities with high precision. The pump can be easily disassembled, making cleaning and sterilization convenient, it can be equipped with CIP/SIP cleaning and sterilization system.
- The seal ring of the plunger metering pump is made of silicon rubber. Teflon or other materials depending on different industries and liquid ingredients. Ceramic material can be used in special applications. The filling principle also includes the use of peristaltic pump, negative pressure type, weighing type, self-flow type, reflux defaming type, etc.
- PLC control system with variable frequency speed control and high degree of automation.
- The filling system is provided with the anti-leaking device, realizing filling from the bottom of the bottle, rising slowly and avoiding bubbles.
- The tightness of the air gripper type cap turning head can be adjusted without damaging the bottle and cap. can be equipped with servo motor driving with adjustable torque. The capping head adopts flexible design with easy adjustment, and can also be designed to be used for pull caps.
- It can be equipped with the cap storage and lifting mechanism and the mechanism for identifying reverse caps and eliminating nonconforming products.

- The whole machine is suitable for various specifications of bottles and adjustments can be completed conveniently within a short time.
- The whole machine is designed according to GMP requirements.

Technical Parameters:

Model:	XHL-YGS6-1
Number of cap turning (pressing) heads:	1 heads
Ideal filling range:	20-500ml
Filling speed bottles/minute:	45-50
Cap turning and (pressing) pass rate:	≥99.8%
Power consumption:	≤1.2KW
Net weight:	1000 KG
Number of filling heads:	6 heads
Filling range:	20-1000ml
Optional cap type:	anti-theft cap, screw cap, ROPP aluminum cap
Filling accuracy:	≤±1%
Power supply:	220/380V 50/60HZ
Compressed air:	0.4-0.6MPa
Outline dimensions:	2800*1000*1600(mm)