



XHL-ZSGX series Digital Liquid Filling Machine For Oral Liquids



The ZSGX series machines contains the two kinds of machines, including ZSGX-L8/6 and ZSGX-L12/8. The difference is the filling and capping heads quantity and speed. The filling and capping integrated machine is mainly applied for filling and sealing of 20-120ml liquids of different viscosities such as oral liquids, syrup, medicinal wine, health products and tincture in such industries as medicine, biology, food, health products, etc.

Features

- Linear tracking filling and rotating cap (cap) two-in-one structure. Servo - driven, easy to operate to adjust filling volume on man-machine interface.
- Small footprint, stable and reliable operation.
- Using plunger metering pump, filling various viscosity of liquid, high precision. The pump is easy to disassemble, clean and sterilize.
- The bottle moves continuously in a straight line. The bottle is positioned through screw or synchronous belt to track filling
- The plunger metering pump sealing ring is made of silicone rubber, polytetrafluoroethylene and other materials, according to the different industries and liquid composition and selection. Ceramic materials can be used for special purposes. The filling principle also includes the use of a peristaltic pump.
- PLC control system, variable frequency speed regulation, high degree of automation.
- The filling system is provided in reverse. - Leakage device, which can fill from the bottom of the bottle, rising slowly to avoid bubbles.
- The tightness of the air claw cap swivel is adjustable and will not damage the bottle cap.
- The whole machine is suitable for all kinds of bottles, which can be adjusted conveniently in a short time.

- The cover is made of two hobbling threads, two sealing, flexible design, and the blade is quenched and durable. Seals and threads are beautiful and unified. The LIDS can also be designed for pull LIDS.
- Explosion-proof design can be used for special industries or special types of products.
- Configurable cap storage and lifting mechanism, reverse cap identification and nonconforming product removal mechanism.
- The whole machine is designed according to GMP requirements.

Technical Parameters:

Product model	ZSGX-L8/6	ZSGX-L12/8
Number of filling heads	8	12
Number of cap turning and pressing heads	6	8
Ideal Filling range	20-150ml	
Optional cap type	Anti-theft cap, screw cap, Ropp aluminum cap	
Filling accuracy	≤±0.5-1%	
Cap turning and pressing pass rate	≥99.8%	
Power supply	220/380V 50/60HZ	
Power	≤2.2kw	≤3.5kw
Compressed air	0.4-0.6Mpa	
weight	1500kg	2000kg
Outline dimensions(mm)	2000*1000*1600	3000*1000*1800