

ZHJY-50 Filling & Capping Machine



Filling and capping machine is the latest product developed by our company. PLC controls peristaltic pump (when material is of good liquidity) or piston (when material is viscous) to calculate and fill (Precision ceramic pump will be applied in special conditions). The machine acquires many functions such as filling automatically, stoppering automatically, capping, etc. The machine is equipped with unique robots. The robots swing arms when stoppering and capping and can cap accurately. Torque mode of servo motor is applied when capping to coordinate the tightness and adjust the tightness conveniently to fulfill absolute automation.

1. PLC controls accurate filling volume and convenient operation.
2. The function of the filling system to suck back can be made to order to ensure no leak.
3. Robots stopper and cap automatically.
4. The function of stopping operation automatically is acquired. The machine stops operation automatically when no filling and no capping continuously appear in any conveyer.

Parameters

Appropriate volume	5-20ml
Production quantity	30-40 per minutes
Filling accuracy	(error) $\leq \pm 0.5\%$
Power supply	220V 50HZ
Capping rate	$\geq 99\%$
Automatically stoppering rate	$\geq 99\%$
Air source	2m ³ /h 0.4-0.8MPa
Power	1.0KW
Net weight	500Kg
Dimensions (L*W*H)	1530 * 2990 * 1900 mm