

KGL Series Vial Capping Machine



The KGL series capping machine is a capping machine featured by online imaging contrast detection and rejecting in case of stopple movement. It is suitable for the aluminum cap sealing procedure of glass bottles for aseptic preparations in pharmaceutical enterprises and scientific research institutes. It is an ideal piece of equipment for realizing automatic operations.

Features

Capping and sealing principle: Cap hanging is carried out when the glass bottle is under continuous running. The eccentric capping knife is used for progressive sealing and capping. Therefore, the action is gentle during cap hanging whilst smooth capping and sealing increase the rate of successful cap hanging and sealing. The machine adopts the PLC control system and touch screen man-machine interface operation. The machine is provided with functions of eliminating fallen bottles on the bottle unscrambling rotary table, machine stopping in case of no bottle or no cap, bottle discharging output detection, quality imaging detection and elimination before middle capping, and no-cap detection and elimination after capping. The machine is provided with grade A laminar flow air sending protection and laminar flow enclosure for starting and stopping the machine.

Technical Parameters

Product Model	KGL250	KGL300	KGL400
Production capacity(pcs/min)	250	300	400
Capping accuracy(%)	> 99.0		
Defect eliminating rate(%)	> 99.0		
Qualified rate of capping(%)	> 99.0		
Overall dimensions(L × W × H)(mm)	2,200 × 1,600 × 2.450 (including laminar flow)		
Weight(kg)	1000	1500	2000