

Eye Drop Filling Machine PLIS-40



Automatic Volumetric Liquid Filling with Inner plug fitting Screw Capping or ROPP cap sealing Machine unit is made compact, versatile and enclosed in stainless steel elegantly matt finish body, consists of S.S. Slat Conveyor, Reciprocating Nozzle with self-centering devices & SS Syringe. The main drive of this eye drop filling and capping machine and conveyor drive consist of AC Motor with synchronized variable A.C. Frequency Drive.

Operation:

The basic function of to fill the bottle plugging & screw capping, Containers moving on SS Slat conveyor, feed towards the Star wheel which works on the principle of indexing mechanism which rotate clock wise the container entered into star wheel pocket which is the transferred by the star wheel toward filling station where diving type filling nozzle is mounted where the bottle is to be filled The filled container rotate and carry the bottle towards nozzle placing station where oriented nozzle is come in chute by vibratory feeder which pick by vacuum pickup system is spick and rotate 180 and place on bottle after this operation is to be transfer by star wheel to next station where oriented cap is to be come in chute which pickup by vacuum type pick up system is to be picked up by head and place on bottle after this operation is to be transfer for screw capping system where is to be cap is tighten by screw capping as desired torque once it finished the bottle is to be transferred toward exit conveyor for next operation

Technical Specification

Output/Hour*	3000 to 5400 bottle	
Direction of Movement	Left to Right	
Number of Filling Head	2	
Number of Plugging Head	1 & 2	
Number of Screw Capping Head	1 & 2	
Filling Range**	5-20 ml	
Electric Specification	Plug Feeding Bowl	300 Watt / 5 Amp
	Cap Feeding Bowl	300 Watt / 5 Amp
	Filling Main Drive motor	1.5 HP
	Capping Main Drive motor	1.5 HP
	Conveyor Drive	0.25 HP
Height of Conveyor	860 ± 50 mm	
Eye Drop Filling Machine Dimension	2500 mm (L) x 1000 mm (W) x 1640 mm (H)	
Case Dimensions	2750 mm (L) x 1250 mm (W) x 1890 mm (H)	
Change Parts	Filling: Syringe, Filling stare plate.	
	Container: Star Wheel & Back Guide	
	Capping: Chute, bowl, head.	