

LTRG-60 Plastic Tube/Laminated Tube Filling and Sealing Machine



This machine is a high-tech product which successfully developed and designed by adopting advanced technology from abroad and strictly meet GMP requirement. PLC controller and color touch screen are applied and made it possible for programmable control of the machine. It can perform the filling for ointment, cream jellies or viscosity material, sealing or tail folding, batch number embossing (include manufacture date) automatically. It's ideal equipment for aluminum tube filling and sealing for cosmetic, pharmacy, foodstuff and bond industries.

Features

1. With 12 stations and matching with manipulator, the machine is able to meet different type of tail folding, sealing requirements of Alu tube. It is a multi-purpose machine.
2. Tube feeding, eye marking, tube interior cleaning (optional), material filling, sealing (tail folding), batch number printing, finished products discharging can be performed automatically (the whole procedure).
3. Servo control makes it precise and convenient to adjust the filling amount by touch screen.
4. According to the different length of the tube, height of tube chamber can be adjusted easily by motor. With external reversal feeding system, makes tube charging more convenient and tidy.
5. The mechanical linkage photo sensor precision tolerance is less than 0.2mm. The chromatic aberration scope between tube and eye mark is reduced.
6. Photo-electronic, electric, pneumatic integrative control is applied with the machine. No tube, no filling. It gives an alarm when low pressure occurs. The machine stops automatically if tube error or open the safety door.
7. Three-layer jacket instant heater with inside air heating, it won't damage the pattern on outer wall of tube and achieves firm and beautiful sealing effect.

Technical Parameter

Model	LTRG-60
Tube Material	Plastic tube, laminated tube
Tube Diameter	Φ5mm-Φ60mm
Tube Length	50-300mm (customizable)
Filling Volume	5-250ml/piece (Adjustable)
Filling Accuracy	≤±1%
Product Capacity (Pcs/min)	30-50 0.1m ³ /min
Air Supply	0.55-0.65Mpa
Motor Power	1.2kw (380V/220V 50Hz)
Heat Sealing Power	5kw
Overall Dimension(mm)	1600*1640*1900mm (L*W*H)
Machine Weight (kg)	1100kg