TF Tube Filling and Sealing Machine

The Machine can be used in the industries of pharmaceutics, foodstuffs, cosmetics, daily chemicals for smoothly and accurately filling all kinds of pasty and viscous fluid and the materials alike, into soft metal tubes and then carrying out tube end folding, sealing and lot number embossing.

Feature

1. The machine is equipped with a safety protection system to ensure the safety of the operator.
2. The machine can apply to alu and plastic both type tube in one machine.
3. Auto picket age affected by photoelectric inductance, ensuring the tube design at the correct position.
4. Customizable with all kinds of tail sealing type options.
5. Customizable insulated stirring hopper system for cold condensation-prone materials.
6. Optional air and vacuum cleaning function for empty tube.
7. Optional customized automatic loading system with connection to raw material tanks.
8. Optional servo-controlled filling system for automatic adjustment filling volume by touch screen.
9. Optional auto stops working when counting the number or fixing the quantity.
10. Tube feeding and Tube washing, marking identification, filling, hot air sealing, code printing trimming and ejecting out the tube conducted by a fully auto control system.
11. Tube washing and feeding are conducted pneumatically, accurate and reliable.
12. The materials contacting part is made of 316L stainless steel, clean, sanitary and conforming to GMP for medicine manufacture.
13. The reshaping manipulator cuts the soft tube into right-angle shape and round shape can option.

Technical parameters

Filling Volume	5-250ml（tube）
Filling Accuracy	≤±1%
Capacity	1800-4800 (tubes/h Adjustable）
Tube Diameter	φ10- 50mm
Tube Length	210mm (Max. Length)
Total Power	Three-phase five lines 380V 50/60HZ, 5.8KW
Hopper Volume	40 L
Power	380/220V(Optional)
Compressed Air	6MPa, 1.1m³/min
Equipped Motor	1.1 Kw
Convulsions	0.37Kw
Hot Air	3.0Kw
Total Power	4.47Kw
Dimension (LxWxH)	2390×1140×2180mm
Weight	(Approx) 1000kgs