

TF-100A

Tube Filler

➤ Applicable to All Plastic Tubes , Combined Tubes and Metal Tubes



The TF-100 Series can be used in for pharmaceuticals, food products, cosmetics and chemicals.

Tube feeding, marking identification, filling, folding or sealing, code printing, and finished product output are all conducted by a fully automated control system.

The TF-100 Series tube filler sealers offer quick adjustment, which makes them suitable for using multiple kinds of soft plastic or metal tubes.

Function:

- It can complete: automatic completion of filling, sealing and batch No. printing of metal tubes, plastic tubes and combined tubes in one machine.
- The tube is automatically pressed into the tube mold.
- The elastic tension type tube holder is adopted to guarantee the consistent sealing height.
- The automatic color code aligning system rotated by stepping driving tube sup is adopted to carry out automatic color code aligning for oval tubes etc. profile tubes.
- The material feeding system of mechanical transmission is adopted to guarantee the stability of loading capacity.
- Original Swiss LEISTER heater is adopted.
- The internal wall of tube adopts hot air sealing and the external wall of tube adopts cooling water circulative cooling, which can beautiful sealing effect.

- The fan (made in Taiwan) is adopted to discharge the poisonous gas produced during the heating outside the room.
- After the sealing, the wind cooling system is adopted to prevent the heat from being conducted to the ointment.
- PLC automatic control.
- Clear and visible stainless steel frame.
- Easy to realize the connection of emulsifier and filling machine
- Simple and clear replacement operation of large and small tube diameters.
- Automatic completion of filling, sealing and batch No. printing in one machine.
- Provided with such functions as automatic tube feeding, automatic internal tube purging, automatic code searching and automatic sealing and filling.
- Stepless frequency conversion speed control is available.
- Automatic quantitative control of production capacity can be realized
- Automatic batch No. printing
- Human-machine interface with direct display and control
- Tube feeding, absorbing and locating device, which is controlled by the original FESTO vacuum generator.
- Automatic detection of tube direction inversion. Omron inversion detection phototube can accurately detect the inverted tube.
- Cam graduation
- Automatic cleaning and dust collecting device for the inside of tube.
- Provided with malfunction alarm, door opening device and automatic stopping device of mechanical overload.
- The combined material feeding forms of blow cutting and cutting can guarantee the filling of materials of high viscosity.
- Column type automatic material temperature control blending system is optional.
- Ultrasonic hopper level automatic detection system. USA BANNER ultrasonic level probe combined with Siemens module can be used to accurately control material level and give direct display on the touch screen (optional)
- Provided with the accurate control function of no filling if there is no tube.

Optional:

- Equipped with automatic material temperature control blending system.
- Ultrasonic hopper level automatic detection system

Parameters	TF-100A
Metal tube	10-35mm
Plastic tube and combined tube	10-60mm
Maximum loading capacity	metal tube 1-150ml
Plastic tube and combined tube	1-250ml
Production speed	60-100pcs/min
Metal tube	Max.100pcs/min
Plastic tube	Max.80pcs/min
Loading capacity precision	≤+/-1%
Motor power	2.2Kw
Air pressure required	0.4-0.6Mpa