



DR-2018T Ultrasonic Automatic Plastic Tube Filling Sealing Machine



The process of tube sealing machine eliminates the use of glue and allows the thermoplastic parts to bond to itself. Ultrasonic sealing with the proper time setting and pressure is the fastest most reliable method for a variety of tube material sealing.

- * Eliminate use of consumable material
- * Produce airtight and watertight seams
- * Increase production time

Main Features

1. Automatic rotary table with 10 tube holders, servo motor control
2. Adopt digital ultrasonic circuit, stable output and performance
3. Machine body of stainless steel, meet with GMP requirement
4. PLC/HMI control, simple operation and parameters setting
5. Machine with mark searching function, more precise sealing
6. Main parts adopt imported components, Japan and Taiwan
7. Suitable for plastic tubes, composite tubes, PE tubes.
8. Compared with traditional type heat sealing method, the ultrasonic tube sealing has the following advantages:

- * Fast Sealing, save time
- * Sealing is nice looking, no plastic melting overflow
- * Lower power consumption, energy saving

Functions:

1. Tube Filling
2. Mark Searching
3. Ultrasonic Sealing
4. Cutting (trimming)
5. Batch No Coding
6. PLC/HMI control, English/French/Espanol interface as request
7. 10 tube stations, 20-25 tubes/min
8. Stainless steel body, Meet with GMP requirement
9. Meet with CE requirement.

Technical Parameters

Model No	DR-2018T
Ultrasonic Power	2000 W
Frequency	20 KHz
Power Supply	AC 110/220V, 50/60Hz
Delay Time	0.01-2.99 S
WeldTime	0.01-2.99 S
Hold Time	0.01-2.99 S
Driven Mode	Pneumatic
Stroke	75 MM
Working Pressure	0.5-0.7 MPa
Tube Diameter Range	10-50 MM
Tube Height Range	50-250 MM
Filling Range	A: 5-60 ml B: 10-120 ml C: 25-250 ml D: 50-500 ml
Working Station Number	10
Hopper Volume	30 L
Capacity	20-35 tubes/min
Packing Dimension	L*W*H 1310*1050*1760 mm
Gross Weight	460 KGS