

Semi-automatic Tube Ultrasound Sealing Machine



The semi-automatic ultrasonic tube sealing machine with a 10-position rotary table is designed for efficient and reliable sealing of soft tubes. This model is particularly suitable for industries such as cosmetics, pharmaceuticals, food, and household chemicals, where precision and consistency in sealing are crucial.

Equipped with a 10-position rotary table, this machine allows for multiple tubes to be positioned, indexed, and sealed in sequence, optimizing productivity while maintaining high precision. The rotary table design enhances efficiency by enabling continuous operation, where tubes are placed, sealed, and ejected in a streamlined process.

Using advanced ultrasonic sealing technology, this machine generates high-frequency vibrations to create strong, airtight seals without the need for heat, which reduces the risk of tube deformation or melting. This feature is especially beneficial for delicate or temperature-sensitive materials, as the ultrasonic method prevents damage to the tube structure and appearance.

The semi-automatic operation allows for easy loading and unloading of tubes, with straightforward controls that enable the operator to set sealing time, sealing strength, and other parameters. The user-friendly interface ensures that operators can make quick adjustments based on tube size or material, making it versatile for small to medium production batches.

Additional features include safety interlocks, an error alarm system to alert operators of any irregularities, and a compact footprint that makes it ideal for space-constrained production environments. This semi-automatic ultrasonic sealing machine is an excellent choice for manufacturers seeking a balance between high-quality sealing and operational efficiency.

Parameter

Tube type:	Plastic tube, Multiple tube
Sealing type:	Ultrasonic sealing
Capacity:	1000-1500tubes/hour
Number of work positions:	10
Safety protection:	overload protection
Sealing shape:	Flat tail, curved tail, special-shaped tail
Applicable tube diameter:	10-50mm
Applicable tube height:	50-250mm
Tube loding:	Manual
Air pressure:	0.4-0.6Mpa
Air comsumption:	0.3m3/min
Power:	2.6KW
Voltage:	220V/50Hz
Machine size:	800×1000×1150mm
Machine weight:	205kgs