

Semi-automatic Tube Filling and Sealing Machine (1 holding)



The semi-automatic tube filling and ultrasonic sealing machine is a precision-engineered device designed to fill and seal tubes efficiently, ideal for cosmetics, pharmaceuticals, food, and chemical industries. This machine combines high-precision filling with reliable ultrasonic sealing technology, ensuring consistent, airtight seals for various tube materials such as plastic, laminated, and composite tubes.

Equipped with an advanced ultrasonic sealing system, the machine uses ultrasonic energy to create durable seals without the need for adhesives or heat, reducing tube distortion and material wastage. The filling system ensures precise dosage control, with easy adjustments to accommodate various fill volumes, making it highly versatile for different production requirements.

The machine includes an intuitive touch screen interface for easy operation, allowing operators to control parameters like filling volume, sealing time, and batch coding. With its compact design, the machine is suitable for facilities with limited space, and its semi-automatic functionality provides flexibility in production runs, allowing for both small and medium-sized batches with quick changeovers.

Additional features include an automatic tube positioning system, robust build quality for longevity, and an error alarm system to enhance operational safety and minimize downtime. This machine offers an ideal solution for businesses seeking high-quality, efficient, and cost-effective tube filling and sealing capabilities.

Parameter

Tube type:	Plastic tube, Multiple tube
Filling range:	A.6-60ml, B.10-120ml, C.25-250ml, D.50-500ml
Sealing type:	Ultrasonic sealing
Capacity:	600-720 tubes/hour
Number of work positions:	1
Safety protection:	overload protection
Filling nozzle:	Anti-drop
Filling accuracy:	±1%
Sealing shape:	Flat tail, curved tail, special-shaped tail
Applicable tube diameter:	12-50mm
Applicable tube height:	50-220mm
Automatic detection function:	No work without tube
Tube loding:	Manual
Air pressure:	0.6-0.7Mpa
Air comsumption:	0.2m3/min
Power:	2KW
Voltage:	220V/50Hz
Working air pressure:	0.4-0.6Mpa
Machine size:	860×650×1550mm
Machine weight:	130kgs