

## *Semi-automatic Tube Filling and Ultrasound Sealing Machine*



The Semi-Automatic Tube Filling and Ultrasonic Sealing Machine is a versatile, efficient unit featuring precise filling, ultrasonic sealing, coding, and trimming functions, all managed via an intuitive touch screen interface. This setup is ideal for high-quality production in industries like cosmetics, pharmaceuticals, and personal care.

- **Manual Tube Loading:** Operators manually load each tube, accommodating various sizes and materials while simplifying setup.
- **Precision Filling System:** The machine ensures accurate dosing for products of different viscosities with minimal waste, supporting consistent batch quality.
- **Ultrasonic Sealing Technology:** Ultrasonic sealing provides robust, airtight seals without distorting the tube material, preserving product integrity and appearance.
- **Integrated Coding Function:** After sealing, an integrated coding function applies essential information such as batch numbers and dates to each tube, ensuring traceability and compliance.
- **Precise Trimming System:** The trimming unit precisely removes excess material from the sealed end, producing a clean, uniform finish for professional-quality results.
- **User-Friendly Touch Screen Interface:** An intuitive touch screen allows operators to control settings for filling, sealing, coding, and trimming. It displays real-time diagnostics, maintenance alerts, and offers easy adjustments to meet varying production requirements.

This semi-automatic machine provides a streamlined solution for consistent filling, secure sealing, precise coding, and trimming, all managed through a user-friendly interface, making it an ideal choice for high-quality production with minimal manual intervention.

## 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:	1000-1500tubes/hour
Number of work positions:	10
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:	50-250mm
Automatic detection function:	No work without tube
Tube loding:	Manual
Air pressure:	0.6-0.7Mpa
Air comsumption:	0.3m <sup>3</sup> /min
Power:	2.2KW
Voltage:	220V/50Hz
Working air pressure:	0.4-0.6Mpa
Machine size:	1300×900×1650mm
Machine weight:	300kgs