



SHENZHEN PENGLAI
SINCE 2003

YX-UF100B *Semi Automatic Tube Filler Machine*



YX-UF100B Semi Automatic Tube Filler Machine characteristics:

The Ultrasonic sealing machine tubes filling equipment model YX-UF100B is linked with ultrasonic sealing, the heat required for melting is only generated inside the thermoplastic sealing layer. For localized conversion of vibrations to friction heat, the anvil or sonotrode profiles are mostly linear and include radii or small plateaus. These profiles ensure focusing of the energy input and therefore short sealing times between 100 and 200 milliseconds. With ultrasonic sealing heat is generated at the inside of the film, not by heat input from the outside as is the case with heat sealing, for example. The tools (sonotrode and anvil) that come into direct contact with the packaging material remain cold during the entire weld process. The support layer remains almost cold and upon termination of energy input, the heat dissipates faster to the outside due to the temperature difference between the support layer and the sealing layer so that the hot-tack resistance is significantly higher. Ultrasonic sealing is particularly well suited for:

- Thermoplastic films (pouches and bags) tubes, trays, and cups.
- Tubes, trays, and cups
- Cardboard packaging with thermoplastic coating
- Valves and vents on films / filter materials
- Screw caps on coated cardboard packaging / films

Model	YX-UF100B
Power supply	AC220V 50/60HZ single phase
Power	2KW
Filling Range	A:5-30ml B:6-60ml C:10-120ml D:25-250ml E:50-500ml
Sealing Dia.	5-50mm
Max.height	5-200mm
Capacity	20-30 tubes/min
Dimension	1300*900*1550mm
N.W	350kgs
Machine Body	202# stainless steel