



ProKing is a professional induction heating manufacturing company. We have manufactured different types of sealing machines for many years. We can supply any size and different kinds of special bottle sealing designs. In addition, another product from Proking is induction heat treatment equipment. The small heating equipment is composed of semi-conductor, high-frequency, output transformer, molding and water-cooling device. IGBT, MOS-FET oscillating is used which features smaller size, lighter weight and easy-operation. The equipment is good for low-power quenching, annealing and welding. Proking have been booming in sales to over thirty countries and to public praise for the excellence and ease of our machines.

Induction Aluminum Foil Sealing Series

Basically, the magnetic induction sealing is a non-contact sealing operation. The bottles to be sealed are fed through a conveyor. When the bottles reach the electro-magnetic field, they are magnetized through an electro-magnetic induction effect. The aluminum foil is quickly heated to the desired temperature.

The content of the bottles is not induced by the electro magnetic field, but the heat seal film with aluminum foil attached on the cap (such as FDA approved inner seal) is. When the aluminum foil is heated by the induction coil, the heat is then transferred to the heat seal film, which quickly reaches the melting point, and becomes an adhesive to bond the cap foil and bottle.

The result is that the contents in the bottle are well protected by cap foil- excellent for pharmaceuticals, food, beverages, fuel, etc.

This sealing effect not only effectively protects the products, but also prevents the products from spraying due to dropping or flowing out due to squeezing. This also provides an easy way for end users to ensure that a product has not been tempered with. Additionally, the magnetic induction sealing machine reduces production and management costs.

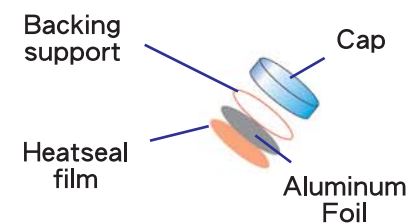
HF-500 CE

The Best Ever Investment for Small and Family Enterprises

Compactly constructed and boasting effective sealing performance, the HF500 is specially designed for small enterprise. It seals almost all sizes of caps, providing the same outstanding performance as a big machine. The unit is excellent for small factories, low quantity production and laboratory applications.



Cap foil construction



SPECIFICATIONS

| | |
|----------------------|------------------|
| MODEL : | HF - 500 |
| Power Output : | Max 500W |
| Input Voltage : | 110V or 220V/1ph |
| Max. Current : | 6A/3A |
| Cap Diameter : | 16-60mm/60-120mm |
| Belt Speed : | |
| Cooling System : | Air Cooled |
| Generator Type : | IGBT |
| Frequency(KHZ) : | 30-50 |
| Generator Size(cm) : | 39x21x39 |
| Measurement(cm) : | 65x55x55 |
| N.W/G.W(kg) : | 28/60 |

★ Special customized cap size acceptable
 © All specifications, design and characteristics shown on this catalogue are subject to change without prior notice.