

KWT

Machine Systems

Induction Cap Sealing Machine

APPLICATION:

Application for non-metal material glass containers or plastic bottles, such as ABS, HDPE, LDPE, PET, PP, PS, PVC...etc. Specially applicable for foods, soft drinks, beverage, pharmaceutical and chemical industries.

NOTE:

In most application, packers purchase foil lined caps from a cap supplier. The cap supplier will usually recommend the most effective cap / liner combination for your product to provide tamper evidence, preserve freshness and prevent leakage.



KWT-3000ic

AUTO INDUCTION CAP SEALER WITH CONVEYOR

The power supply and sealing coil is mounted to an additional 1.5 meter long conveyor with swivel casters making it a completely stand alone system.



KWT-3000i

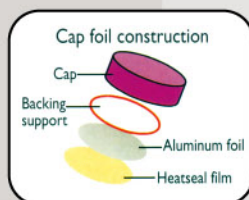
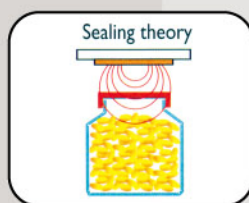
AUTO INDUCTION CAP SEALER WITH STAND

The power supply and sealing coil is mounted to a portable cart for easy mobility from line to line.

Induction Cap Sealing Machine

PRINCIPLE:

Induction cap sealing is a non-contact heating process that accomplishes the hermetic sealing of a bottle with a cap which includes a heat-sealable foil liner. When the cap / liner is placed on bottle opening and this bottle passes under an induction coil which emits a varying electromagnetic field. In the meantime, the conductive aluminum foil liner begins to heat the required temperature. The content of bottle is not inducted by electromagnetic field, but the seal film of foil liner is heated and attached onto the lip of bottle by the induction coil. After cooled, the seal film creates a bond with the bottle resulting in a sealed product.



KWT-500i

SEMI-AUTO INDUCTION CAP SEALER

This machine is designed for small factories, low quantity production and laboratory application.

FEATURE:

- It is safe in use. Equipment is loaded with the protection setting for over electric flow, over electric pressure, overload output. Frequency falls in 25 - 50 KHz and it is harmless to human bodies.
- Simple and easy to use. All functions are clearly labeled on the display board, and it is handy to operate.
- Modular component design minimizes the maintenance requirement.
- Easy adjustment by simple button setup or different sizes of products.
- Sealing process is fast and efficient, even there is little moisture, greasy dirt or powder dirt on the opening of the bottle, it also can seal the opening effective.
- Height of sealing coil is adjustable, flexible for most of bottle height.
- The IGBT / MOS-FET module provides high efficiency, lower power consumption and long lifespan.
- Suitable outer diameter of the plastic screw cap: A type 20 - 60 mm, B type 60 - 120 mm.
- Aluminum foil automatic detecting facility will send out a warning automatically whenever it detects no aluminum foil in the bottle cap, to prevent the unsealed products flowing out the producing line. (OPTION)

Technical Data:

Model No.	KWT-500i	KWT-3000i	KWT-3000ic
Power Output	500 Watts	3000 Watts	3000 Watts
Cap Diameter	A: 20 - 60 mm B: 60 - 120 mm	A: 20 - 60 mm B: 60 - 120 mm	A: 20 - 60 mm B: 60 - 120 mm
Generator Type	IGBT	IGBT / MOS-FET	IGBT / MOS-FET
Power Supply	220 V, 50 / 60 Hz, Single Phase		



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