

Electromagnetic Induction Capper



DGYF 500

Introduction

Induction sealer is a machine used for inductive thermal seal sealing using aluminium foil with non-metallic bottles made of plastic or glass to give its superior air tight sealing. Induction sealing improves product shelf life as it prevents the entry of moisture and air through the seal. Hence it has got wide application in Pharmaceutical, confectionary, cosmetic, food, oil and grease, beverages and other industries.

Working Principle

The induction sealing process involves an induction current being applied to a metal liner in a plastic cap. The bottle is first filled, and then the cap is applied. The cap already has the liner inside. The liner contains the sealing material adhered to a foil layer. The induction current heats the foil liner, melting the sealant. The pressure of the threaded cap up on the bottle provides the required pressure. As the sealing layer cools, it adheres to the bottle.

Technical Parameters

Output Power	5001600w
Operating Frequency	50Khz
Static Power	0.1A
Max. allowed current	4A
Working Ambienttemp	25-45(Degree Celsius)
Relative air Humidity	95%
Dimension	340X290X130mm
Gross Weight	8kg

Sealing WAD material: Aluminium foil with suitable laminate depending upon the bottle material (Vacuum met alised films are not suitable) Sealing Diameter: DGYF-500A: 20mm to 100mm, DGYF 500C: 20 mm to 130mm

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CONTINUOUS INDUCTION SEALING MACHINE



LGYF-2000AX



LGYF - 2000BX

Transistor circuit control

Simple operation

Easy to use

Low cost

Introduction

The technology of heating sealing the aluminium plastic mutiplex material by electromagnetic induction sealing machine manufactured of this principle is becoming the necessary equipment of medicine, pesticide, axunge, by product, health care, cosmetic, chemistry and other trade required high quality air sealing for plastic, glass and other non-metal bottle. To improve the level of the product, the sealing and quality-production function, anti-pirate and anti-forgery.

Working Principle

The machines is comply with the principle of metal object can bring grand bow wave to heat under the action of the high frequency electromagnetic field, making the aluminium foil hot and melt the binding under the aluminium foil then agglutinate to the mouse of the bottle, thus to accomplish the constant quick noncontact sealing operation.

	LGYF-2000AX	LGYF-2000BX
Input Power	AC 220V+ 10%, 50/60Hz	
Input Current	<10A	
Input Power	Static state<2A, Dynamic State<7A	
Working Frequency	75-80khz	
Output Power	2000w	1800w
Enclosure protection grade	1P21	
Sealing Diameter	20mm-130mm	20mm-130mm
Height of the bottle	40mm-400mm	40mm-300mm
Sealing Speed (Electirc Stepless speed Regulating)	2-12 m/min	0-12 m/min
Bearing load of the transportation station	<20Kg	
Net Weight Kg.	40Kg	65Kg
Production capacity (pes/h)	250(40mm flatcapped and PE Bottle)	
External Dimension (LxWxH)	1150X600X400mm	1150X600X1350mm
Case material	Mild Steel	Stainless steel

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