

# Electromagnetic Induction Capper



DGYP 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 Ambienttern	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: DGYP-500A: 20mm to 100mm, DGYP 500C: 20 mm to 130mm

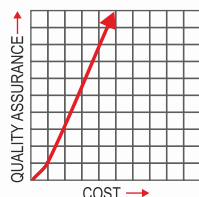
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