

Eltech

FULLY AUTOMATIC INJECTION CAP SEALER



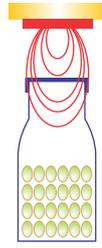
Sealed for Protection
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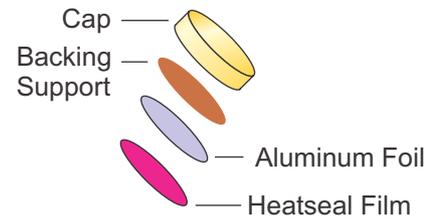
Introduction

Induction sealing is a non-contact heating process, which is used to bond a foil disk or to seal the opening of a container. The technique provides the user with a tamper evident seal.

Sealing Theory



Cap foil construction



Operating Principle

The principle of operation lies in the cap, which passes through an electromagnetic field generated by an induction sealing head on a conveyor. The electromagnetic field induces a high electric current in the foil of seal. This causes the foil in the seal to heat. A coating laminated to the aluminum disk fuses and softens to the mouth of the bottle.

Advantage



- Tamper Evidence - Deter Pilferage
- Increased Shelf Life - Product Freshness
- Free from oxidation and contamination
- Sealed for consumer confidence
- Leak Prevention - no rejection, hence enhanced profits
- A sealed product is perceived to be safe and hygienic

On line Automatic Induction Cap sealing Machine :

Advanced IGBT Technology :

- ✓ Built-in monitor circuit ensures safe working parameter (e.g. over temperature/over current /over voltage, water) In case of mal function machine shuts off and fault is indicated on the panel by LED display.
- ✓ In-built Microprocessor controls No extra PLC required. Save cost.
- ✓ Conveyor with geared motor D.C. drive.
- ✓ Coil movement : Standard : 300 mm.
- ✓ Can seal PET / HDPE / PP / LDPE / PVC / GLASS containers.

On line Automatic Induction Cap sealing Machine .

Eltech Engineers offers on line automatic cap sealing systems for high speed cap sealing applications.

This induction cap sealer consists of the high efficiency and microprocessor Control Panel, Induction head Unit and efficient Water Circulation System. This system requires water cooling and is available with or without conveyor.

Optional Value Aaded Features :

- ✓ No Wad Detector System.
- ✓ Total Production Counter.
- ✓ Conveyor Stop system.
- ✓ On line Conveyor with variable frequency AC drives.

ONLINE AUTOMATIC INDUCTION CAP SEALING MACHINE



**M.S. POWDER COATED
(WITH CONVEYOR)**



**GMP MODEL (SS)
(WITH OUT CONVEYOR)**



Eltech Engineers

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