

Eltech



INDUCTION CAP SEALER

Sealed for Protection

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Eltech Engineers ,Established in 1992, is one of the leading manufacturers and exporters of a wide range of corona treating systems, static charge eliminator and static charger. We have supplied more than 5000 equipment world wide. **Our** clients always look upto us for their different requirements because of our high quality standards, superior performance, zero defect products, timely deliveries and very reasonable prices.

We are capable of providing solutions for any kind of treating problem for plastic films, different varieties of complex laminates and metalized films. We produce corona treaters in the range of 1 kw to 10 kw for web widths of 3000 mm, we can provide solutions for all types of static problems.

Eltech Engineers have also ventured into manufacturing of superior quality induction cap sealing machines for sealing of varied plastic containers, glass bottles and ozone generators for various applications such as waste water treatment, drinking water and cooling towers.

Eltech H-500



Table Top Induction cap Sealing Machine

- can seal foil caps upto 4 to 5 caps per minute
- Caps with diameters from 5 mm 120 mm can be sealed
- No tools are required for adjustment or set up
- Requires no water, 100 % air cooled, silent and has no discharge
- Digital up/down timer, which ensures accurate recording of time and optimum sealing

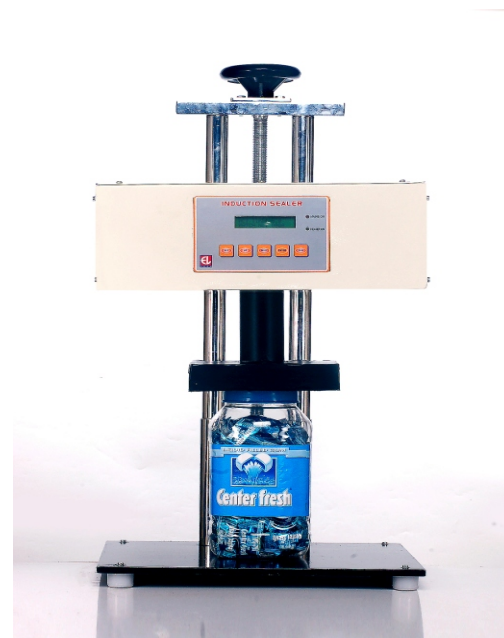
BENEFITS:

- User friendly
- Continuous use, rugged built ensures long serving life.
- Fast and easy set up.
- Light weight design ensure easy mobility. Safe, reliable and compact.

Eltech S-500

Semi Automatic Induction cap Sealing Machine

- Can seal foil caps up to 8 to 10 bottle /minute
- Caps with diameters upto 20-120 mm can be sealed.
- Batch count and batch preset
- Total number of bottles sealed
- Programmed recipes and menus allows quick /easy adjustments between applications
- LCD display screen with touch buttons for easy use
- Visual and audible alarms
- Automatic photoelectric switch under sealing head eliminates the need for finger switches to start sealing cycle
- No tools are required for adjustment or set-up. It requires no water 100 % air cooled,



ON LINE AUTOMATIC INDUCTION CAP SEALING MACHINE

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

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

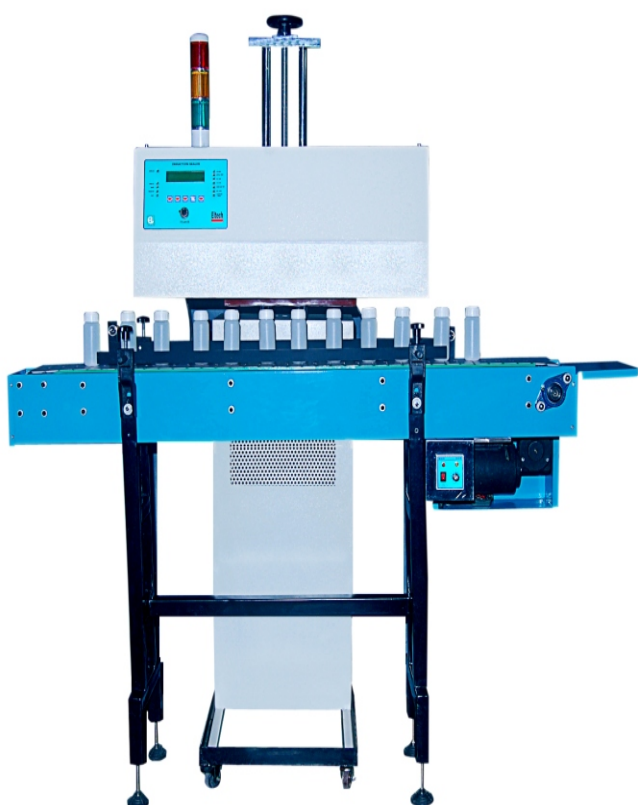
- Advanced IGBT technology
- Built in monitor circuit ensures safe working parameter (e.g. over temperature/over current /over voltage, water) In case of mal function machine shuts off and fault is indicated on the panel by LCD & LED display.
- In-built Microprocessor controls, No extra PLC required. Save cost.
- Digital Soft Touch membrane control panel, For easy operator interface.
- No Wad Detector System*.
- Foil liner / stalled bottle detector*
- Total Production Counter*
- Conveyor Stop system
- Wide output range

* optional features

ELTECH MACHINE SELECTION

MODEL	OPERATION	OUTPUT (BPM)
ELTECH-H-500	MANUAL	4-6
ELTECH-S-500	SEMI-AUTO	8-10
ELTECH-1000	ONLINE	50
ELTECH-2000	ONLINE	100
ELTECH-3000	ONLINE	150

The Above figures are indicative only

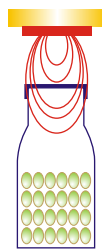


**ON LINE AUTOMATIC INDUCTION
CAP SEALING MACHINE**

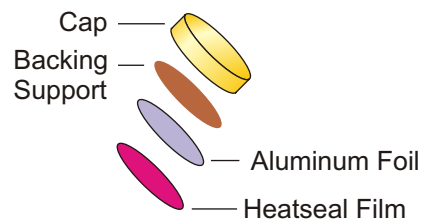
Introduction

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

Wide Applications

- | | |
|----------------------|-------------------------------|
| ➤ Food And Beverage, | ➤ Insecticides / Pesticides |
| ➤ Bottled Water, | ➤ Petro Chemicals Products , |
| ➤ Dairy Products, | ➤ Edible Oils, |
| ➤ Pharmaceuticals, | ➤ Lubricating Oil / Coolants |
| ➤ Nutraceuticals | ➤ Cosmetics And Personal Care |
| ➤ Chemical Industry, | ➤ Herbal Powders |
| ➤ Agro Chemicals | ➤ Chyavanprash |



Eltech Engineers

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Manufacturers of : Induction Cap Sealing Machine , Corona Treater, Static Eliminator, Static Charger and Ozone Generator