

# Eltech



# SEMI AUTOMATIC INDUCTION CAP SEALER

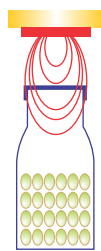
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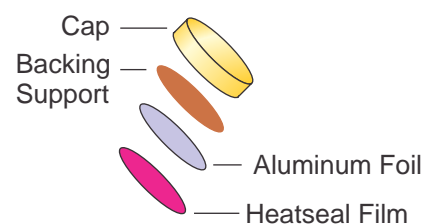
## Introduction

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

## Features Of S-500

- Advanced Mosfet /IGBT technology Delivers high efficiency sealing power and long term reliability.
- Sealing head slide mount provides hands-free sealing head operation and eliminates operator fatigue from holding sealing head.
- It requires no water and is 100 % air cooled.
- LCD display screen with touch buttons for easy use
- Digital UP/Down timer: Provides precise timing from 0.1 to 9.9 seconds.
- Batch count and batch preset
- Total number of bottles sealed
- Programmed recipes and menus allows quick /easy adjustments between applications
- Visual and audible alarms
- "V" stop centering guide for assurance of bottle being under sealing head.
- Foot switch for easy start-up of sealing machine.
- No tools are required for adjustment or set-up.
- Can seal PET / HDPE / PP / LDPE / PVC / GLASS containers.

# S-500

Eltech S-500, Semi-Automatic Induction Cap Sealer is specifically designed for packagers who require a semi-automatic sealing process with low production volumes. The table top model is compact and ideal for production environments where a bottle conveyor is not practical. Built-in guides ensure operators properly line-up containers for sealing. A digital timer lets the operator know when the sealing process is completed. This model is suitable for batch type production and can be used continuously for 24hrs x 365 days  
Ideal for laboratory use, stability testing, r & d facilities, short runs test marketing.

## Ideal For

Laboratory Use , Stability Testing ,R & D Facilities, Short Runs Test Marketing ,A Bottle Conveyor Is Not Practical

## 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.



Semi Automatic  
Induction cap Sealing Machine

## Technical Specification :

- ☑ Input power: 230 V, AC, 50 Hz
- ☑ Output power: 500 watts maximum.
- ☑ Can seal foil caps up to 8 to 10 bottle/minute.
- ☑ Cap size : 20 mm -100 mm
- ☑ Dimension :400 mm x 340 mm x 690 mm (LXBXH)
- ☑ Weight : 23 Kg Net /Packed : 40 kg



## Eltech Engineers

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