



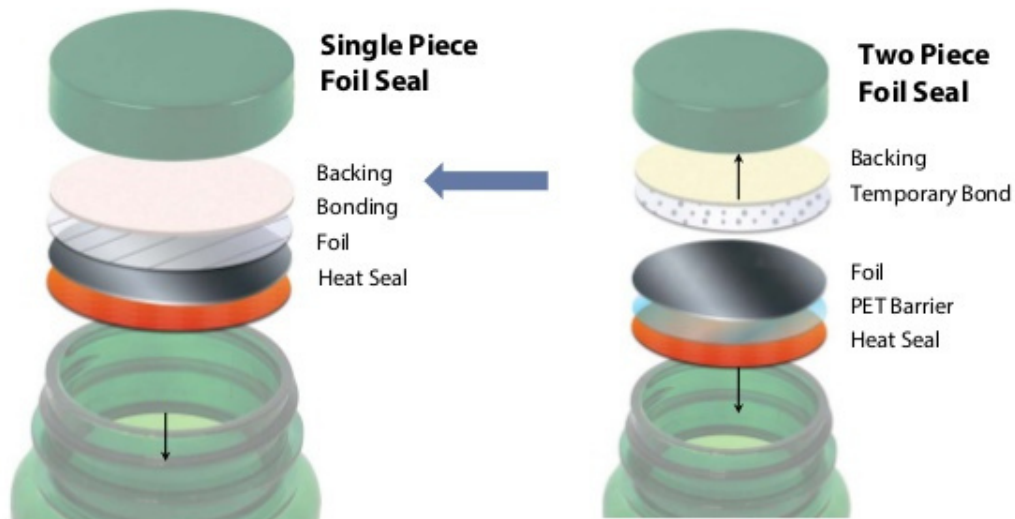
Induction Cap Sealer

ELTECH ENGINEERS PVT LTD, established in 1992 is an ISO 9001:2015 certified Indian Company engaged in the manufacturing activity of Corona treater, Plasma Treatment Systems, Static Charge Eliminator, Static Chargers, Static Meters, Ionizing Air gun, Blowers, Induction Cap Sealers etc. Our clients always look up to us for their different requirements because of our high quality standards, superior performance, zero defect products, timely deliveries and very reasonable price.

About Induction Cap Sealer -

Eltech Induction cap sealer's are the latest of a concept developed by Eltech's powerful engineering team. Eltech offers compact air cool on line automatic cap sealing systems for high speed cap sealing applications, Handheld small Cap sealer for less production & Semi Automatic cap sealer. Rajesh Chauhan - Director says, "Eltech has been upgrading its technology of sealing with best features for revolutionary technology. It is a tremendous achievement for our development team and a great breakthrough for the industry. New performance helps to achieve better sealing standards. With an advanced touch screen operating system it has been value for the product. It helps sealing operation like never before."

Cap Foil Construction



Sealing Theory

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.

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.

Advantages

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

Applications

- Food & Beverage
- Bottled water
- Dairy Products
- Pharma/Nutraceuticals
- Chemical Industry
- Agro Chemicals
- Insecticides/Pesticides
- Petrochemicals products
- Edible oils
- Lubricating oils / coolants
- Cosmetics & Personal Care
- Herbal powder / Chyavanprash



Benefits

- User friendly
- Fast and easy set up
- Light weight design ensure easy mobility
- Continuous use, Rugged Built - Ensures long serving life
- Safe, reliable and compact

Eltech H - 500

Eltech offers superior quality hand held induction cap sealers for low or high speed cap sealing applications. Our model Eltech H-500 cap sealing system is designed for hand held cap sealing in lower production applications or in R & D laboratories. Hand held induction sealer is a highly affordable and productive sealer available with us.

It is plug the system into a standard electric power outlet and it is ready to operate. Set the timer to the number of seconds the container requires for a strong and perfect seal. To seal, simply place the sealing head on the container's cap and press the button on the handle of the sealing head. The timer counts down to zero as power is applied into the cap to form the seal.

Features

- Hand held induction sealers can seal foil caps upto 4 to 6 caps per minute.
- Advanced Mosfet / IGBT technology circuitry ensures better control of the sealing process.
- Caps with diameters from 20 mm to 90 mm and 20 mm to 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.
- Can seal PET / HDPE / PP / LDPE / PVC / Glass container. Digital timer, which ensures accurate recording of time and optimum sealing.

Technical Specifications

- Input Supply : 230 V AC 50 Hz
- Output power : 500 watts maximum
- Cap size : 20 mm to 100 mm
- Dimension : 340 mm x 290 mm x 130 mm (LXBXH)
- Weight : 4.5 Kg Net / Packed : 6 Kg
- Can seal foil caps up to 4 to 6 bottle/minute



Eltech Engineers Pvt Ltd

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