

ONLINE INDUCTION CAP SEALING MACHINE – SIGMA -II



SIGMA - II has been developed especially with a view to meet the exacting needs of the packaging industry. The system's reliability is a expertise in inverter and sealing coil design. The combination allows manufacturers to seal containers efficiently at desired line speeds.

SPECIFICATIONS :

Input	: 230± 10% V AC, 10 Amps, Single Phase
Max. Line Speed	: 50 feet / minute
Cap Size	: 20 mm - 120 mm
Net Wt./Packed Wt.	: 120 Kg / 175 Kg
Dimensions (WxDxH)	: 650 mm x 650 mm x 1650 mm

FEATURES :

➤ **Physical Design Features**

- Compact all-in-one design: Easily Movable : The machine is mounted on a wheel based water-cooling unit which provides mobility. Easy for line relocation.
- Single Body, "on conveyor" mounting system
- Front panel with easy to use membrane switches.
- Coil movement Standard : 300 mm
Special : As required by the customer.

➤ **Operational & Protection Design Features**

- **Conveyor Stop System:** The conveyor stops in certain predefined conditions such as:
 - No Bottle
 - Sealing Off
 - Bottle Jam
- **Over Load Protection & ALARMS**
 - Over Voltage
 - Over Current
 - Spike & Surge
 - Over Temperature cut off
- No effect of voltage fluctuation
- Sigma-II is designed to operate with variations in mains input voltage from 170 V to 300 V AC.

ACCESSORIES :

This system has many optional value added accessories like:

- Digital Position Indicator: This drive helps in online reading of the height of the coil and can provide consistent results and readings while induction sealing. This feature facilitates quick set up. No tools required.
- No Foil Detector
- Auto Stop System
- Auto Start System
- Bottle Jamming Detector
- Total production / bottle counter
- Conveyor Stop system

Note : Images Shown here are illustrative. As the design & manufacturing of Machines are subject to improvement, the product supplied will be as per our Techno-Commercial offer.