

CORONA TREATMENT FOR ROUND BOTTLES



EL-FLEXO / EL-COROFLEX



**ELTECH
ENGINEERS PVT LTD**

We treat anything...

Since 1992

30
YEARS

OF EXCELLENCE IN

CORONA
PLASMA
STATIC

CORONA TREATMENT FOR ROUND BOTTLES

We are offering a precision- engineered collection of Round Bottle Treatment in Corona Treater and these machines are popular amongst our clients for durability and high efficiency.

Utilizing corona treatment, we set new standard for surface treatment technology and it is possible to corona treat PET, PP, PE cylindrical containers in printing, labeling, molding and filling production line.

Different models are available 0.5 HP, 1 HP, 2HP, 3HP



**ELTECH
ENGINEERS PVT LTD**

We treat anything...

Since 1992

30
YEARS

OF EXCELLENCE IN

CORONA
PLASMA
STATIC

Technical Specifications

- Input Supply : 415 V AC , $\pm 5\%$, 3 Phase,4 -Wire
- Treatment Size : Customized
- Line Speed : 60-80 bottles/minute
- Material : Non Conductive
- Treating Sides : Full Bottle
- Input Frequency : 50 Hz
- Output Frequency : 20-50 KHZ
- Approx Output Power (KW) : 2 KW
- Maximum Temperature : 0 ~ 50 Degree celsius
- Blower : 1 H.P
- Treatment Electrode : Multisegmented
- Dynes Level : 38-42 Dynes/cm
- Length of HV Cable : 2.5 Mtr
- Corona Output : Ultra high frequency using latest IGBT technology, Constant at same speed, No influence of supply voltage, Accurate output power.
- Certifications : CE , RoHs , ISO



**ELTECH
ENGINEERS PVT LTD**

We treat anything...

Since 1992

30
YEARS
OF EXCELLENCE IN CORONA
PLASMA
STATIC

Features

- Ultra High Frequency using the latest IGBT technology.
- Indication of Corona Current.
- Balanced rollers.
- Corona Treater rollers covered with high dielectric grade sleeve.
- Prevent premature failure of roller bearing by having a proper grounding system.
- Pneumatic Operated Corona Treatment Station for material feeding.
- Even Suction throughout the treatment station helps to extract Ozone efficiently.
- Cooling provided by the Blower prevents wrapping of electrodes and helps to achieve a Consistent Treatment Level.
- Using Forced Convection inside the panel prevents overheating of Electronic Components.
- Providing a Proximity Sensor for detecting Zero Speed which automatically shuts down the power supply when the web achieves low line speed.
- Oil Cooled Transformer for better stability at high temperatures and has excellent electrical insulating properties.
- Easy view window for a clear view of Corona Discharge.

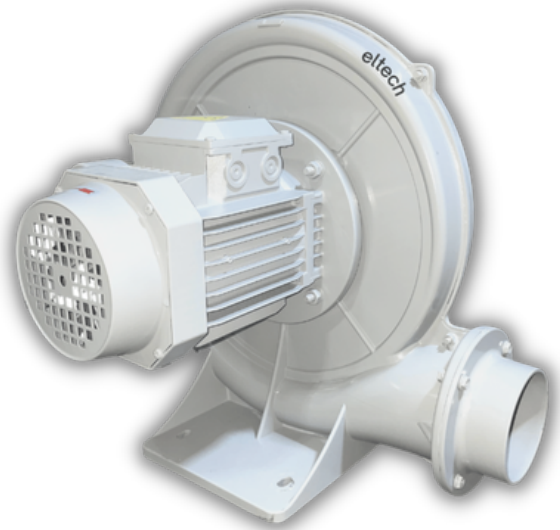
Electronic Protection Features

- Door Open
- MCB protection
- Single Phasing
- Audio/Visual Alarm
- Electronic Overload Trip
- Thermal trip for heatsink
- Under voltage / Over voltage
- Ozone extraction overload trip

Benefits

- Soft start
- Easy to Install
- Easy to maintain
- Customized Design
- Maximum Operator safety
- Compact Simple Construction
- Cost Efficient Treatment Process
- Forced cooled convertor for longer life
- Ultra high frequency using latest IGBT technology

30
YEARS
OF EXCELLENCE IN | CORONA
PLASMA
STATIC



**ELTECH
ENGINEERS PVT LTD**

We treat anything...

Since 1992



A-108, Diamond Industrial Estate, Ketkipada Road, Near Toll Naka,
Dahisar East, Mumbai, Maharashtra - 400068,
Email: info@eltech.in, Mobile : +91-9619686917