



Since 1992

# Eltech Engineers Pvt Ltd

An ISO 9001 - 2015 Company

## Circular Static Electrode



[www.eltech.in](http://www.eltech.in)



## Circular Static Electrode

*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 etc. 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 price.

We have installed more than 10,000 equipment worldwide giving solution to different static problem .Static eliminators are used to eliminate static and dust. Static electricity is a problem, which companies face globally. It primarily affects industries, which handle non conductive materials like plastics, paper, board, laminates and textiles. The electrostatic attraction repulsion cause materials to stick to machinery, or to each other, leading to jams, slow machine speed and poor quality and productivity. Friction, pressure and separation are the major causes of static electricity. When humidity is lower, higher static charges are generated. It becomes more noticeable in the months of winter, in dry laminates, and in air conditioned environments.

### About Circular Static Electrode -

The Eltech circular static eliminator electrode is highly suitable for installation on vertical form and fills machinery. The system provides 360 degree ionization and helps in eliminating the static on the entire surface of the material being fill. Controlling the static charge helps in eliminating the entrapment of filled material in the seal area of the bag and avoids unsightly "static cling" of the fill material to the inside of the bag. We manufacture circular version with internal diameters ranging from 35 mm to 290 mm. These are used in applications where 360 degree neutralization is required such as plastic pipe extrusions, vertical form fill packaging machines, textile slivers etc.

## Different Problems Caused by Static electricity are :

- Cause problems in printing.
- Materials tearing, jamming or curling.
- Hazardous sparks or shocks to person.
- Product sticking to itself, rollers or machine parts.
- Sheet feeding problems.
- Causes dust attraction.
- Leads to improper stacking.



eltech - 331 Power supply

### Technical Specifications :

- **Supply voltage** : 230 V AC , 50 Hz , 25 Watts
- **Output voltage** : 5.5 kv
- **Output short circuit current** : (Ik) < 5 mA
- **Power consumption** : approx. 50 VA
- **Maximum load** : 10 m (HV cable incl. electrode)
- **Frequency** : 50 - 60 Hz
- **Mains cable length** : approx. 2.5 meter with earthing - pin plug.
- **Weight** : 3 kg
- **Dimension** : 150mm L x 170mm W x 120mm H



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### Technical Specifications :

- **Weight** : From 400- 700 gms
- **Maximum** : Operating Temperature 60°C
- **Construction** : Powder coated aluminium
- **Operating voltage** : 5.5 kv
- **Emitters** : Stainless steel
- **Dimensions** : (cross section) 25mm
- **Cable** : 2.5 metres

Available Sizes ( If required customised please let us know )

Sr No.	ID	OD
1.	35MM	135MM
2.	50MM	150MM
3.	75MM	175MM
4.	90MM	190MM
5.	110MM	210MM
6.	120MM	220MM
7.	130MM	230MM
8.	135MM	235MM
9.	150MM	235MM
10.	170MM	235MM
11.	190MM	290MM
12.	200MM	300MM
13.	230MM	330MM
14.	255MM	355MM
15.	290MM	390MM



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## Eltech Engineers Pvt Ltd

A-108, Diamond Ind Estate, Ketkipada Road, Nr.Toll Naka, Off W. E.Highway, Dahisar (East),  
Mumbai-400068. Tel : 022-2897 2424 / 2626 Email : rajesh@eltech.in Mobile : 9867222298