



Since 1992

# Eltech Engineers Pvt Ltd

An ISO 9001 - 2015 Company

## Static Eliminator with HV electrode



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



## Static Eliminator with HV electrode

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**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.

## 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

The Eltech 331 power unit is the most useful static control equipment. The instrument produces high voltage, low current in a controlled and safe manner. It's compact size and structure is suitable for most industrial environments. The defect free products and quality ensures efficient use and maximum customer satisfaction. We have designed the Eltech 331 power supply and the different discharge bars for active discharging of disruptive static charges, which develop during the production processes. The discharge bars and the power supply are used primarily in cases where disruptive static charges on fast moving material webs impair production processes and required to be eliminated.



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) < 3.5 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.

**Distance :** 25mm Maximum

**Weight :** 3kg (eltech - 331)

**Dimension :** 177mm L x 242mm W x 145mm H (eltech - 331)



eltech - 301  
High Performance HV Electrode



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## *Eltech Engineers Pvt Ltd*

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