

Static charges on paper, film, fabrics, and other electrical non-conductors can pose a major nuisance to manufacturers and processors by reducing productivity, hampering quality, and causing safety concerns. AxisValence provides a range of static charge eliminators for virtually every industrial application.

Valstat® VS20 AC static charge eliminators are shockless electrostatic discharge bars designed for neutralising electrostatic charges from fast moving plastic films, paper and other non-conductive materials. Electrodes, provided along the active length of the bar generate ions of both polarities, ensuring that positive and negative charges are removed from the charged substrate. The VS20 bar is powered by a Valstat® PS74U high voltage AC (HV AC) power source. Together, they provide compact, sturdy and reliable means for removing electrostatic charges in many industrial applications.

Features:

- Shockless and spark-free
- Powder coated aluminum with engineered plastic construction
- Discharge range of 10-40 mm from the target
- Suitable for speeds up to 350 m/min. Options available for higher speeds
- Standard lengths up to 4500 mm. Higher lengths to order
- 2m interconnecting HV cables. Higher lengths to order
- Easy installation and start up
- No maintenance required, except for periodic cleaning

Valstat® PS74U power sources are designed to provide HV AC supply to Valstat® VS20 AC static eliminating bars.

Features:

- Very low power consumption: 40 VA
- 230 V, 50/60 Hz, single-phase input, with Earth
- 2m input cable with built-in fuse and power switch
- Stable HV output, with inbuilt current limit
- Four HV output connectors for VS20 bars
- Easy installation and commissioning
- Mild steel fabricated powder coated enclosure
- Compact, dust-proof, and rugged construction



AxisValence has extensive experience and expertise in various applications across industries, which we leverage to provide a suitable solution for your application.