

## VR20 AC STATIC CHARGE ELIMINATOR

**Valstat® VR20** AC static charge eliminators are high powered shockless static eliminating bars, designed for neutralising electrostatic charges from fast-moving surfaces and difficult-to-reach objects. Electrodes provided along the active length of the bar generate ions of both polarities, thus ensuring that positive and negative charges are quickly and efficiently removed from the substrate.

VR20 AC bars are powered by Valstat® PS74R high voltage AC (HVAC) power sources. Together they provide a compact, sturdy and reliable means for removing electrostatic charges in most industrial applications.

### Features:

- Shockless and spark-free. No shocks when electrodes are touched
- Engineered plastic enclosure, with epoxy-encapsulated parts
- Discharge range of 10-75 mm based on application parameters
- Suitable for speeds of up to 1000 metres per minute
- Standard lengths up to 4500 mm; higher lengths to order
- 3 metres HV cable a standard; higher lengths made to order
- Easy installation and start-up
- No maintenance required, except for periodic cleaning



**Valstat® PS74S** power sources are designed to provide a stable high voltage AC output supply to a maximum of four Valstat® VS20 AC static eliminating bars.

### Features:

- Very low power consumption (40 VA)
- 230 V, 50/60 Hz, single-phase input
- 2 metres input cable with built-in fuse and power switch
- Stable HV output, with built-in current limiter
- Four HV output connectors for VR20 bars
- Easy installation and commissioning
- Mild steel fabricated powder-coated enclosure
- Compact, dust-proof, and rugged construction



The benefits of working with the AxisValence business unit of A.T.E. group, begin with our distinctive position in the market. We understand your application requirements by ascertaining levels of prevalent static charges, the need to remove those charges, the ambient conditions, dimensional constraints, etc. In close coordination with A.T.E.'s technical team, we apply our knowledge and experience to offer you a suitable solution without affecting the process.