

KELVA Anti-Static equipment

Static Discharge Bars



Avoiding Shutdowns

- Market leading reliability

- Designed to be 3 or 4 times as powerful as traditional static dischargers, yet using the lower supply voltage of 5.5kV.
- All sensitive electronic parts are Encapsulated for maximum reliability.
- Emitters at 10mm pitch provide the most intense field of static neutralisation.

Powerful performance and market leading reliability make the Kelva Static Discharge Bars the first choice static dischargers for major manufacturers. They work by applying high voltage to an emitter, which makes the electric field ionise the air - breaking it up into positive and negative ions. The ions neutralise the static electricity by being attracted to charges of the opposite polarity.



Product name	Kelva Static Discharge Bar ASD55
Application	Plastic, sheet, web, packaging, converting, food, medical, pharmaceutical and cleanroom.
Cable	Delivered with black Hi-Flex cable, rated at 30kV, a high quality cable with great flexibility. Standard length 2m - other lengths on request.
Active Length	From 50mm to 5950mm
Construction	Anodised aluminium, epoxy resin, PVC and hardened etched emitters.
Power Unit	5.5kV Power Units (see separate data sheet)
Performance	Emitters at 10mm pitch provide the most intense field of static neutralisation.
Ambient Temperature	Max 60°
Safety	5mA maximum current from Power Unit. High voltage resistance inside bars further limits current below 50µA. All the sensitive electronic parts are encapsulated in epoxy. Shockless in operation.
Options	ATEX approved

