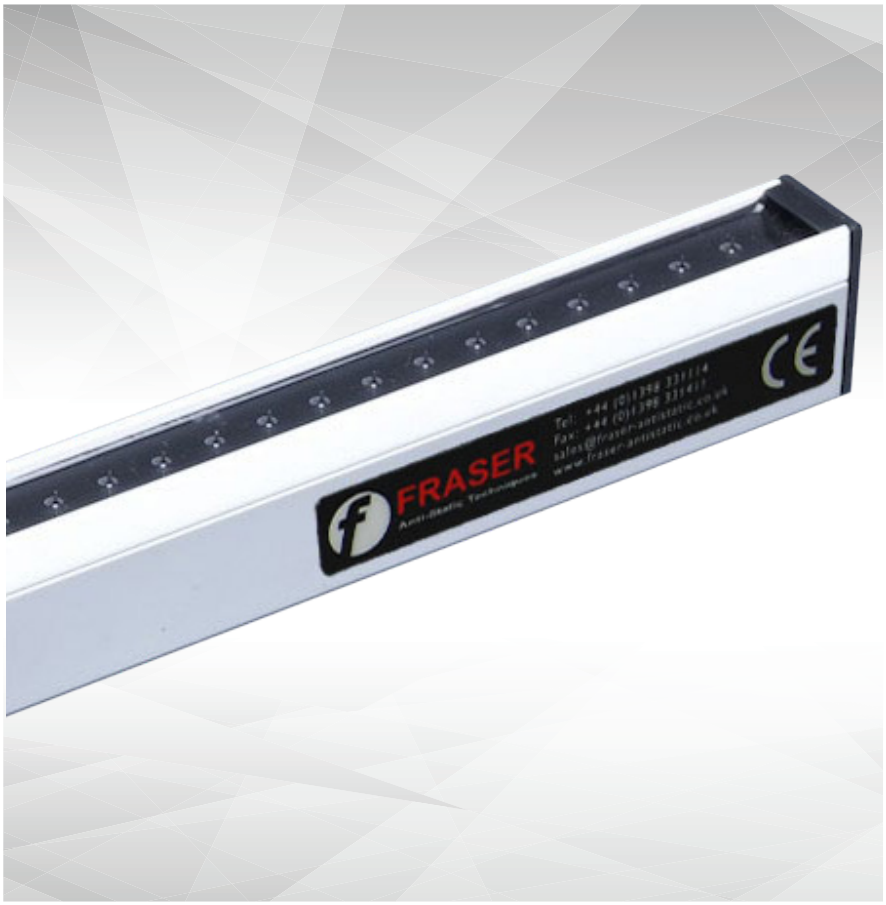
ANTI-STATIC BARS

1250 - SUPER 80
STATIC ELIMINATORS

The 1250-Super 80 Static Eliminator Bar has been designed to give market-leading performance for high static charge and fast speed applications.

The Super 80 Static Eliminator Bar combines the highest performance with market leading reliability and is the perfect partner for modern high productivity machinery in the plastics, printing and converting industries.

- Resistively coupled design for neutralising high charges at fast speeds.
- Stay-sharp etched emitters for better long term performance. Emitters at 15 mm pitch which gives the most intense ionisation field.
- Compact and easy to install.
- Operating distances of up to 200 mm, (best distance varies with application).
- Washable and suitable for food, medical and pharmaceutical applications.
- Completely shockless in operation, despite high power.
- Specially made high flexibility screened cable. It is suitable for the most robust applications in industry, including robot arms.
- CE and UL certified.
- All electronic components are fully encapsulated for maximum reliability.
- Robust construction to ensure a long life of high performance. Available in lengths up to 6 m.



Specification

Length:	From 80 mm to 6000 mm.
Construction:	Anodised aluminium, epoxy resin, ABS and hardened etched emitters.
Cable:	Hi-Flex 30 kV screened cable with 70 mm bend radius. Standard length is 2 m - longer lengths can be specified at time of order (subject to maximum load on power unit).
Safety:	60 µA max emitter current for shockless operation.
Environment:	60° maximum temperature. 70% rH non-condensing max.
Power Units:	Use with Fraser HP Super 80 Power Unit (7-8 kV). See Datasheet.
Standards:	CE. UL (US and C) Listing is a free of charge option.

FRASER Anti-Static Techniques
Scotts Business Park, Bampton, Devon, GB, EX16 9DN
T + 44 (0) 1398 331114 F + 44 (0) 1398 331411
E sales@fraser-antistatic.co.uk W www.fraser-antistatic.com
© Fraser Anti-Static Techniques Ltd 2015

Features

- Fully encapsulated electrical assembly, for market-leading reliability and safety.
- Waterproof and so suitable for applications in food and pharmaceuticals, where washdowns are required.
- Will not break down in damp conditions.
- Easy to clean - no hidden dirt traps.
- Rugged, durable construction for a long life in industrial applications.
- Length from 80 mm to 6000 mm.
- High performance with completely shockless operation.



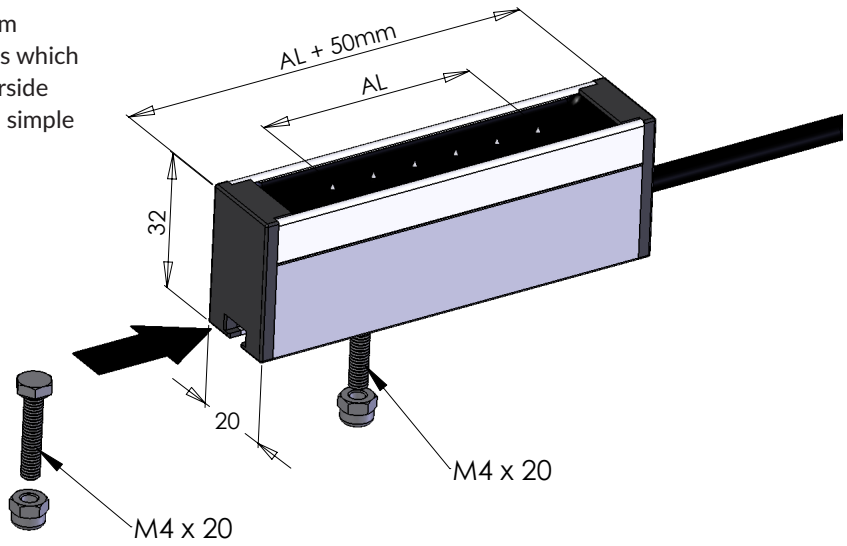
Emitters at 15 mm pitch for maximum ionisation.

Performance depends on the sharpness of the emitters. The etched "stay sharp" emitters will not blunt, unlike products using conical pins.

- High performance screened HT cable, rated at 30 kV.
- High flexibilty with bend radius of 70 mm. Suitable for routing around intricate machinery.
- The natural choice for robot arms and moving machinery.

Dimensions

The Super 80 has M4 x 20 mm hexagon head mounting studs which slide in a groove on the underside of the bar. This gives fast and simple installation.



FRASER Anti-Static Techniques
Scotts Business Park, Bampton, Devon, GB, EX16 9DN
T + 44 (0) 1398 331114 F + 44 (0) 1398 331411
E sales@fraser-antistatic.co.uk W www.fraser-antistatic.com
© Fraser Anti-Static Techniques Ltd 2015