1255 STATIC ELIMINATOR

The 1255 Static Eliminator is a version of the best selling 1250-S anti-static bar with a detachable cable.

Please see 1250-S Datasheet for details of applications and specification.

PERFORMANCE

- 5.5 – 6 kV of ionising power.
- Unique stay-sharp emitters at 10 mm pitch for long-term high performance.

ESSENTIAL QUALITIES

- All live parts are epoxy encapsulated for protection, reliability and a long life.
- Shockproof operation.
- Robust construction.

CONNECTIVITY AND CONTROL

- Wide choice of Fraser HP50 Power Units, including remote monitoring of operational status.

APPLICATIONS

- The 1255 has been designed for applications where there is a need for a detachable HT cable. Typically this may be because the cable is a wear part and needs replacing, when damaged.
- The high voltage from the power unit must be switched off before the cable is detached.
- Adjustable mounting studs for ease of installation.
- The 1255 is not covered by the UL certification of the 1250-S.



SPECIFICATION

Construction:
Anodised aluminium, epoxy resin, ABS and hardened emitters.

Cable:
Hi-Flex 30 kV screened cable with 70 mm bend diameter. Standard length is 2 m - longer lengths can be specified at time of order (subject to maximum load on power unit).

Safety:
5 mA maximum current from power unit. High voltage resistance inside bars further limits current below 50 µA.

Power Unit:
Use with Fraser 5.5 kV and 6 kV Power Units. See Datasheets.

Environmental:
60 °C maximum temperature. 70 % rH non-condensing max.

Certification:
CE.

Options:
Fixed mounting studs.
Bars joined in series.
Airboost - see 1250 Air Bar Datasheet.

FRASER Anti-Static Techniques

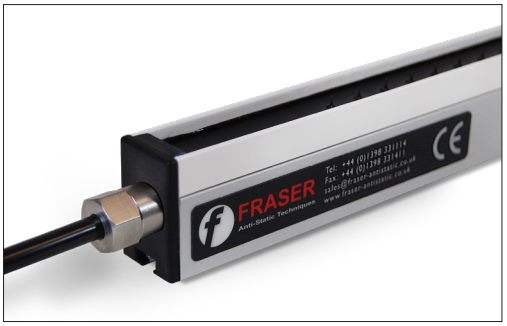
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DIMENSIONS AND CONSTRUCTION

Dimensions: 20 mm x 32 mm (WxH).

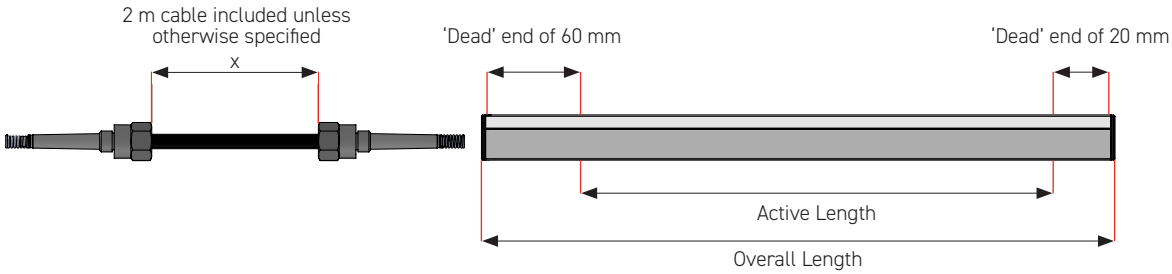
Weight: 1.1 kg per metre.





Single Entry Bar

Available lengths: Any length from 180 mm to 6000 mm. Active ionisation length is 80 mm less than order length.

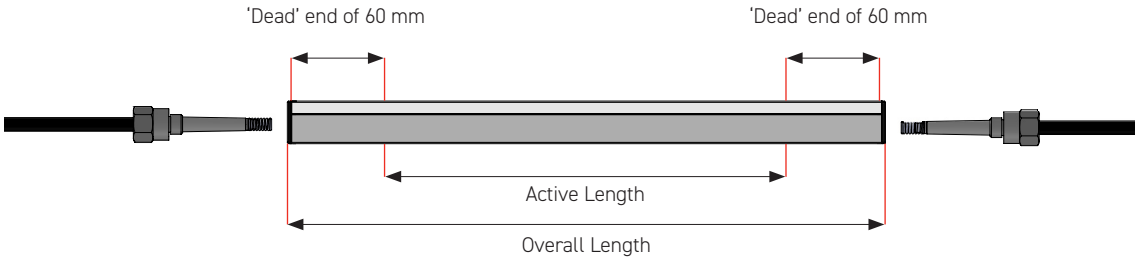


Note: Order length = overall length (excluding end caps).

Double Entry Bar

It is possible to have bars in series with a detachable connection at each end.

Available lengths: Any length from 200 mm to 6000 mm. Active ionisation length is 120 mm less than order length.



VARIANTS

Airboost: For extending the range beyond 500 mm, see 1250 Air Bar Datasheet.

Balanced: For applications where an accurate electrical ion balance is required.

Combination: A passive static discharger may be combined with a 1250 for speeds over 1000 m/min.