

## Model 660 Static Dischargers

Fraser 660 Static Discharger was originally designed for use on office machinery, but its versatility and effectiveness means that it is now used in many areas of industry on countless types of machines.

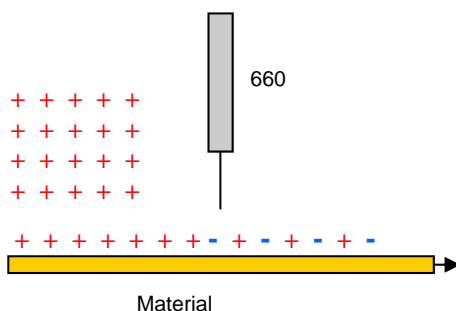


### Construction

The Fraser 660 static discharger is constructed of Aluminium with soft stainless steel fibres. The body size is 12mm x 2.2mm with a fibre length of 10mm. Available in 1m lengths, and is easily cut to size.

The soft stainless steel fibres are in bundles of about 100 filaments. The bundles are held together by an EVA size (or coating) which gives the bundle elasticity and durability.

### How it Works



The brushes have a large number of highly conductive fibres. Positioned a few millimetres from the material to be neutralised, the fine tips of the fibre concentrate the electric field of the static charge and ionise the air. Ionised air provides ions of the opposite polarity to neutralise the static charge.

If the fibre tips touch the material the neutralisation may be more powerful if there is some conduction of the charge in addition to ionisation.

The brushes must be connected to earth.

## Notes