

## 4400 Ionised Air Nozzle

*The 4400 is a compact, highly efficient ionised air jet which consists of a 1260 Single Point Ionising Bar and a proprietary air nozzle, mounted in a metal block.*



### Benefits and Advantages

- Huge amount of ionisation produced by the 1260 Single Point Ioniser - sufficient to neutralise the highest static charges.
- Compact, high thrust air jet for powerful cleaning and removal of statically attracted dust and contaminants.
- Safety nozzle, OSHA compliant.
- Low noise: 14-16 dBA lower than 4mm open pipe.
- Low Air consumption: 23 - 36% lower than a 4mm open pipe.
- Balanced Ionisation output available for electronics and ESD applications - contact Factory for details.
- Mounting: threaded M4 through hole in middle of body.
- All parts repairable/replaceable.

### How it works:

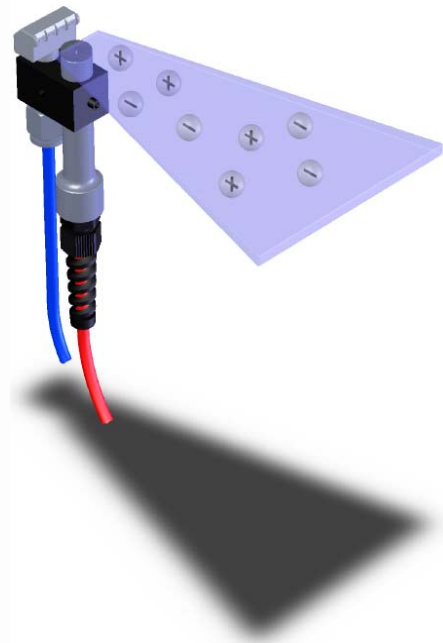
Ionised air from the 1260 Single Point Ionising Bar is transported at speed by the compressed air from the nozzle.

The ionisation kills the static charge allowing the fast air to remove the dust.

### Applications

The 4400 Ionised Air Nozzle is ideal for cleaning and neutralisation the static charge on small product.

It is also used for sheet separation, where its thin but wide airstream is effective at separating sheets and neutralising the static charge in them.



<b>Materials:</b>	1260: Stainless steel tube and PVC insert, Tungsten emitter. Body: black anodised aluminium. Air Nozzle: zinc casting.
<b>Air Connection:</b>	1/8 female thread in black body.
<b>Electrical:</b>	2m of HT cable - longer lengths can be ordered. Use with Fraser 5.5kV Power Units - see Data- sheets.

## Air Consumption

Pressure	Consumption	Noise	Thrust
2 Bar	9.0Nm <sup>3</sup> /h	71.1 dBA	1.3 N
4 Bar	15.5Nm <sup>3</sup> /h	78.1 dBA	2.6 N
6 Bar	22.7Nm <sup>3</sup> /h	82.8 dBA	3.9 N
Max 8 Bar	-	-	-

