DUST & STATIC

4510
IONISED AIR JETS

The 4510 Ionised Air Jet produces a fast, quiet , flat jet of ionised air for efficient static neutralisation and cleaning.

4510 Ionised Air Jets are used in many applications, including long distance static neutralisation, dust removal and cleaning, sheet separation.

> Powerful and safe ionisation to overcome the most stubborn static electricity.

> Low noise.

> Economical airflow - entrains ambient air to produce a large volume airflow.

> Flat concentrated airflow for intensive blow-off.

> High thrust (airspeed x volume) for optimal cleaning.

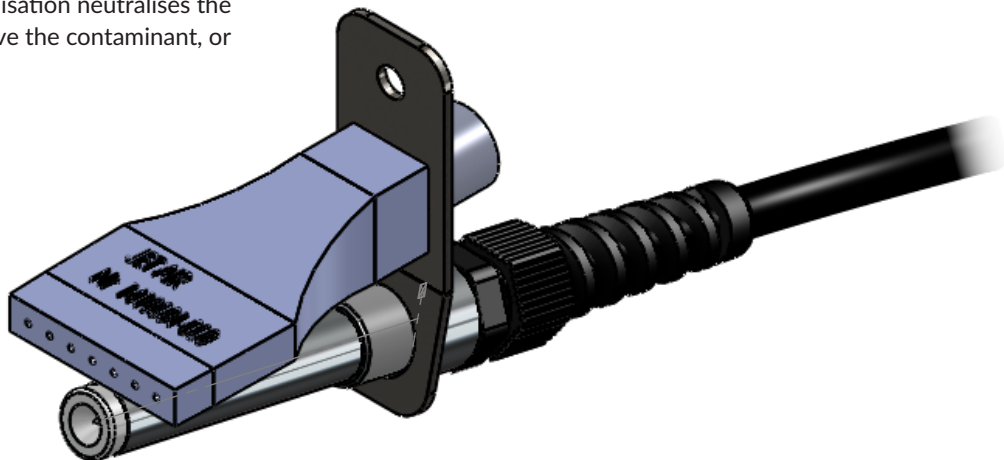> Meets OSHA safety standards.

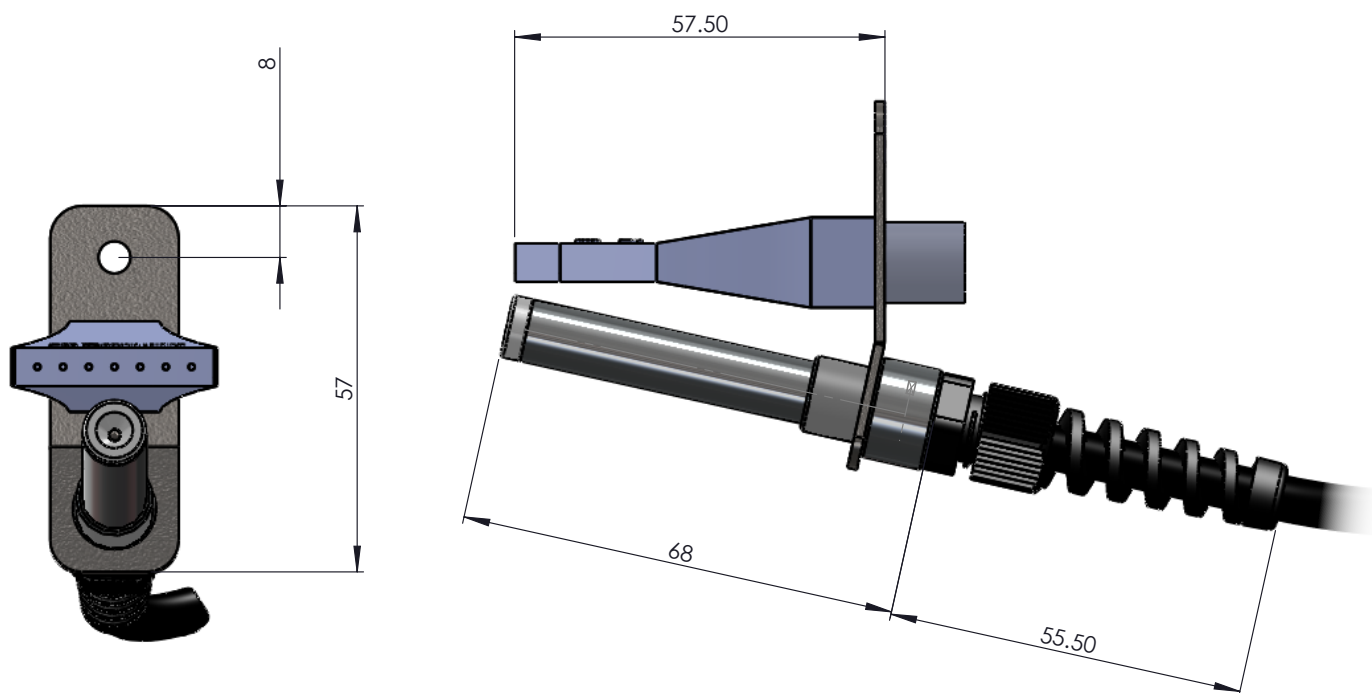> Easy to install stainless steel bracket.

Specification

Construction:	Stainless Steel and PTFE.
Noise:	76 dBA @ 7 Bar.
Air Pressure:	Maximum 7 Bar.
Air Consumption:	2 Bar: 180 l/min. 7 Bar: 520 l/min.
Environment:	-10° to 70° C. 70% rH non-condensing max.
Air Fitting:	1/4" Female thread.
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).
Power Unit:	Use with Fraser 5.5kV and 6 kV Power Units. See Datasheets.

FRASER Anti-Static Techniques

How it works:

Ionised air produced by the stainless steel ionisation tube is transported by the compressed air coming out of the black plastic jet towards the object. The ionisation neutralises the static charge, allowing the air to remove the contaminant, or separate the products etc.

4510 Dimensions

8

57.50

57

68

55.50

FRASER Anti-Static Techniques

Ionised Air Nozzles (includes 2m of cable as standard).

Code	Description
4200	Multi Nozzle System
4200SP	Single Nozzle System
4300	In-Line Nozzle
4400	Compact Air Nozzle
4510	Flat Nozzle System

Model 4200

Spares and Repairs

Code	Description
42002	4200 Nozzle
44001	4400 Nozzle
45101	4510 Flat Nozzle
80312	Extra m of Cable

Model 4200SP

Important Ordering Information		
Please use the following matrix when ordering:		
A Model Number		
B Cable length (in m.)		
C Connection		
For example:		
A	B	C
4400	2.0	HP

Model 4300

HP Connector

For use with HP50-1, HP50-2, HP50- 4 & HP80 Power Units.

Model 4400

Model 4510

FRASER
Anti-Static Techniques