

ANTI-STATIC BARS

3024 COMPACT 24 V DC IONISER

The smallest available 24 V DC Static Eliminator Bar. Short, powerful and compact, with built-in electronics and all the benefits of high output, modern 24 V DC Bars. Ideal where space constraints exist.

Static neutralisation to meet the requirements of high performance machinery at close range. Integrated power supply, requires only a low voltage 24 V DC input.

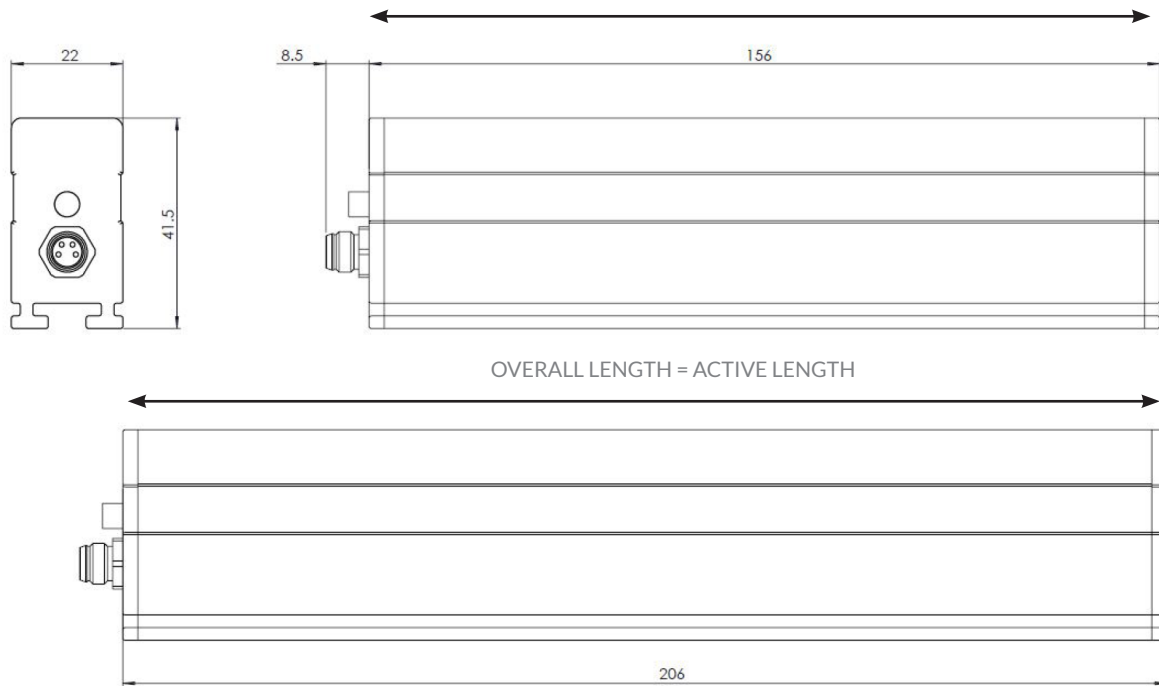
- > Available in 150 mm and 200 mm lengths.
- > High voltage, increased density of emitters for close range performance.
- > Shockless, resistively coupled tungsten emitters for unlimited life.
- > 100 % coverage with no dead zone. Effective length = Overall length.
- > Ideal operating range 20 - 50 mm.
- > LED status indication: Green = OK, Red = Fault.
- > Remote monitoring of operational status.
- > Standard M8 4-pin connector.
- > Protected against under-voltage, overload and reverse polarity.



Specification

Electrical Supply:	24 V DC (21 - 28 V). 0.5 A current required standalone, 1 A if using remote monitor. M8 connector. The M8 x 4 core cable must be ordered separately - see cable options overleaf (p2).
Remote Monitor:	Uses 24 V supply to send signal to the PLC.
High Voltage Supply:	Up to 7.5 kV supply integrated inside Bar.
Range:	Ideal: 20 - 50 mm, Maximum: 20 - 150 mm.
Construction:	FR-ABS industrial grade extrusion and epoxy resin.
Protection Classification:	IP66. Fully sealed.
Environment:	0 to 55 °C, 70 % RH non-condensing.
Options:	100 - 250 V AC, Power Supply. Code: E3024-PSU.
Weight:	150 mm = 220 g. 200 mm = 280 g.
Standards:	CE and UL.

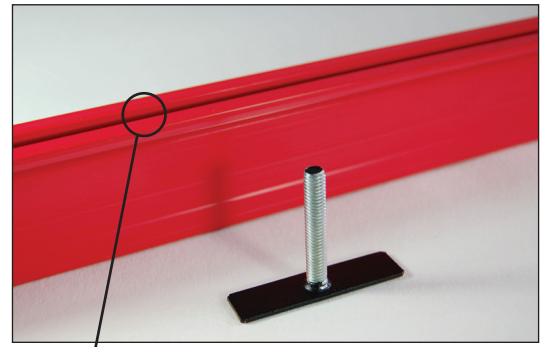
Dimensions



Mounting

'T' M6 x 40 stud and flange nut. Two sliding brackets provided with each bar.

Other stud lengths are available. Please contact the manufacturer for options.



The 'T' fixing bracket slides into the slot in the bottom of the Bar.

Accessories / Spares

Description	Part No.	Description	Part No.
3 m cable with 180° connector	80892	3 m cable with 90° connector	80933
5 m cable with 180° connector	80930	5 m cable with 90° connector	80934
7.5 m cable with 180° connector	80931	7.5 m cable with 90° connector	80935
10 m cable with 180° connector	80932	10 m cable with 90° connector	80936
Fraser Ioniser Cleaning Kit	81220		

Cables must be ordered separately in addition to Bar. They have standard M8 4 pin female connectors.

ANTI-STATIC BARS - SHORT RANGE

Model 3024 Compact

Designed as an alternative to an AC Bar and Power Unit in applications where space is a constraint, the 3024 Compact is the shortest 24V DC bar with integrated electronics.

Available in lengths of 150mm and 200mm only, the 3024 Compact bar allows our 24V DC Technology to be used on narrower webs and in confined spaces on material speeds up to 1,000m/min.

The 3024 Compact has no direct DC competition for the many smaller applications throughout industry.

Length	3024 Compact
150mm	
200mm	

Fitted with M8 4 Pin male connector.

Sizes above do not include cable. Please see Options.

Options:	Code
External Power Supply	E3024-PSU
Extra 40mm Mounting Set	30248
15mm Mounting Set	302411
20mm Mounting Set	302410
25mm Mounting Set	30249
3m Cable + M8 4 Pin Conn	80892
5m Cable + M8 4 Pin Conn	80930
7.5m Cable + M8 4 Pin Conn	80931
10m Cable + M8 4 Pin Conn	80932
3m Cable + 90° M8 4 Pin Conn	80933
5m Cable + 90° M8 4 Pin Conn	80934
7.5m Cable + 90° M8 4 Pin Conn	80935
10m Cable + 90° M8 4 Pin Conn	80936
M8 male to M8 female 4-pin extension for 31101 (2m)	80937



Important Ordering Information	
Please use the following matrix when ordering:	
Model	Length (4 digits)
For example:	
3024 Compact	0150mm

