

ANTI-STATIC BARS

3024 24V DC IONISING BAR

The ultimate static eliminator for machinery manufacturers: compact, with built-in electronics, 24V DC supply and very powerful performance.

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

- > Shockless, resistively coupled emitters made in tungsten for unlimited life.
- > LED status indication:
Bar OK: green, fault: red.
- > Remote monitoring of operational status.
- > 100% coverage.
Effective length = Overall length.
No dead zone.
- > Standard M8 4-pin connector.
- > Available in two versions:
3024 F - for distances from 25 mm to 100 mm.
Tested at speeds up to 1300 m/min.
3024 L - for distances from 100 mm to 500 mm.



Specification

Electrical Supply:	24V DC (21-28V), maximum current required 0.5 A. M8 connector. The M8 x 4-core cable must be ordered separately - see cable options on page two.
Remote Monitor:	Sends 24V signal to the PLC or other destination. This voltage is taken from the power to the Bar - no additional power source is required.
High Voltage Supply:	Up to 11 kV supply integrated into Bar.
Construction:	FR-ABS Industrial grade extrusion, epoxy resin.
Protection Classification:	IP66. Fully sealed.
Environment:	0 to 55°C, 70% RH non-condensing.
Options:	100-250V AC, Power Supply. Code: E3024-PSU.
Weight:	1.1 kg/m.
Standards:	CE, UL and CB.

Two Versions

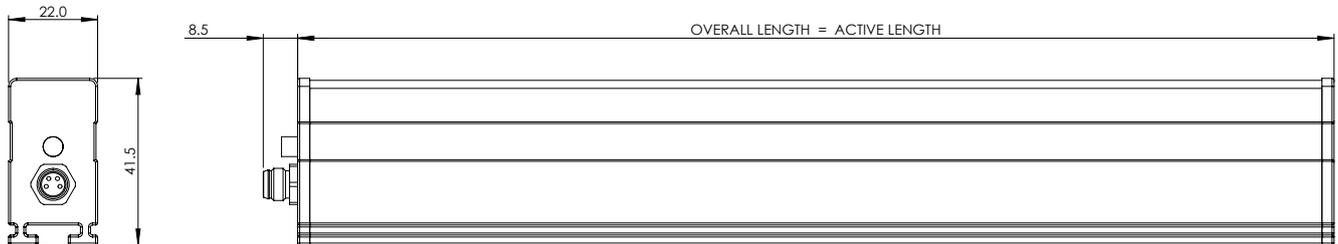
3024 F

- > Ideal for fast-moving materials.
- > Minimum length 250 mm, available in 50 mm steps to 5 m.
- > Operating distance from 25 to 100 mm.

3024 L

- > Ideal for applications with changing geometry.
- > Minimum length 300 mm, available in 100 mm steps to 5 m.
- > Operating distance 100 to 500 mm.

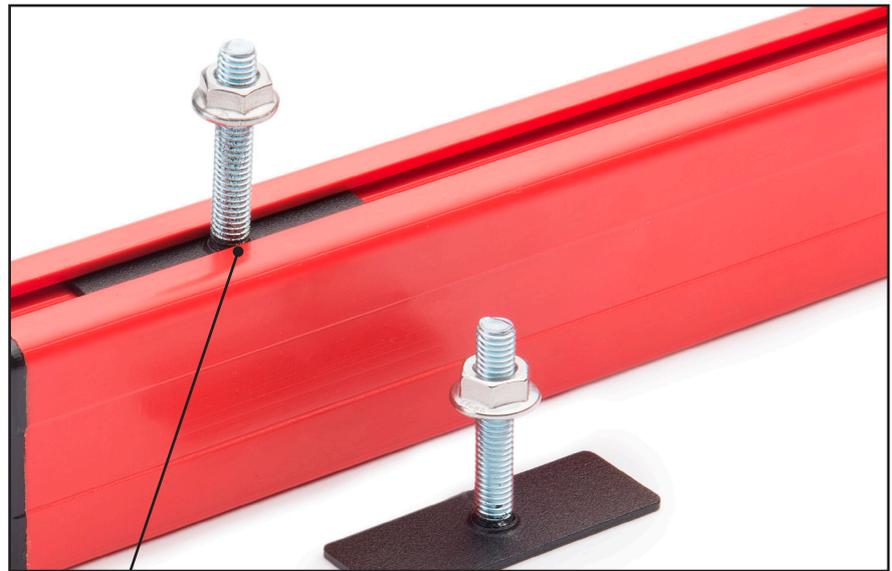
Dimensions



Mounting

'T' M6 x 40 stud and flange nut. Two mounting blocks for Bars up to 1 m, plus 1 extra for every additional 500 mm.

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
Additional mounting set	30248	Fraser Ioniser Cleaning Kit	81220

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