



# Model 3024 Series

## Ultra Performance For Your Toughest Static Control Applications

### APPLICATIONS

- Slitting
- Rewinding
- Injection Molding
- Printing

*shockless titanium emitters*

*high speed and long range versions*



*all control and high voltage parts are internal for reliability and safety*

### BENEFITS

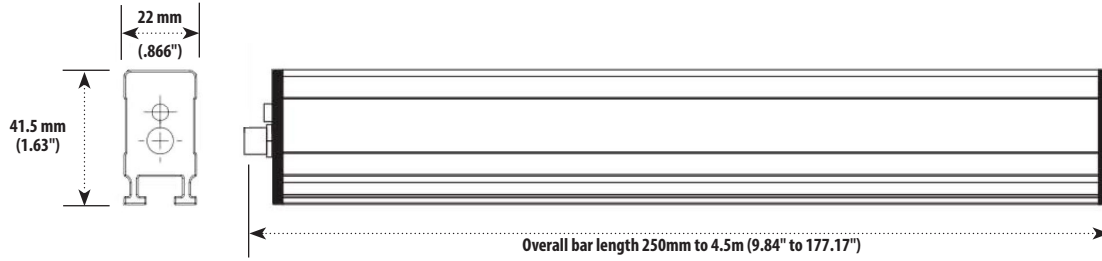
- Increase production speeds
- Increase profits
- Reduce rejects
- Reduce downtime
- Enhance product quality
- Enhance operator safety

The Model 3024 is a compact unit with built-in electronics and powerful static neutralization performance that meets 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; no dead zone
- Available in two versions:
- Model 3024-F is a high speed version for speeds up to 1000m/min (3280ft/min) and distances from 25mm to 100mm (.98" - 3.94")
- Model 3024-L is a long range version for distances from 100mm to 500mm (3.94" to 19.69")



# Specifications



**ELECTRICAL SUPPLY:** 24V DC (21-28V), 0.5 Amp max.;  
M8 connector

**REMOTE MONITOR:** Sends 0V or 24V signal to the PCL or other destination; this voltage is taken from the power to the bar - no additional power source is needed

**HIGH VOLTAGE SUPPLY:** 11kV supply integrated into bar

**CONSTRUCTION:** FR-ABS industrial grade extrusion,  
epoxy resin

**PROTECTION CLASSIFICATION:** IP66; fully sealed

**ENVIRONMENT:** -10 to 55°C (14° - 131°F),  
70% rH non-condensing

**OPTIONS:** 90-250V AC power supply

**WEIGHT:** 1.1 kg/m (2.43 lbs.)

**MOUNTING:** 'T' M6 x 40 stud and flange nut. Two mounting blocks for bars up to 1m (39.37"), plus 1 extra for every additional 500mm (19.69").

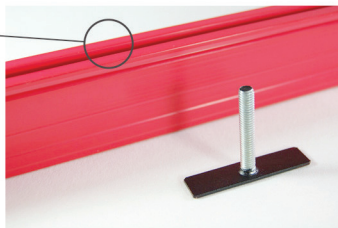
## MODEL 3024 F

- Designed to handle speeds in excess of 1000m/min (3280ft/min)
- Ideal for fast moving materials
- Minimum length 250mm (9.84"), available in 50mm (1.97") steps to 4.5m (177.17")
- Operating distance for best performance 25 - 100mm (.98" - 3.94")

## MODEL 3024 L

- Designed to handle distances from 100mm (3.94") to 500mm (19.69")
- Ideal for applications with changing geometry
- Minimum length 300mm (11.81"), available in 100mm (3.94") steps to 4.5m (177.17")
- Operating distance 100 - 500mm (3.94" - 19.69")

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



EXPERT TECHNICAL ASSISTANCE • 2 YEAR LIMITED WARRANTY

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