

# Model 3024 Compact

## Powerful & Compact with Built-In Electronics

### APPLICATIONS

- Pharmaceutical and food manufacturing
- Web and sheet applications with limited space
- Narrow web digital & Flexo printing
- Label & Shrink sleeve manufacturing



*Integrated power supply*

*Compact design*

### BENEFITS

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

The smallest available 24 V DC short-range Static Eliminator Bar with powerful static neutralization to meet the requirements of high performance machinery where space is constrained. It is the only bar available at this scale with an integrated power supply. The 3024 Compact delivers up to 7.5kV integrated in the bar and is ideal for fast moving materials at speeds up to 4200 ft/min (1300m/min). Compact design is ideal where space constraints exist.

- Available in 6" (150 mm) and 8" (200 mm) lengths.
- High voltage, increased density of emitters for close range performance.
- Shockless, resistively coupled tungsten emitters for long life.
- 100% coverage with no dead zone. Effective length = Overall length.
- Ideal operating range 1"-2" (20-50 mm).
- LED status indication: Green = OK, Red = Fault.
- Remote monitoring of operational status.
- Standard M8 4-pin connector.
- Protected against undervoltage, overload and reverse polarity.



# Specifications



**REMOTE MONITOR:** Uses 24 V supply to send signal to the PLC

**ELECTRICAL SUPPLY:** 24 V DC (21-28 V);  
0.5A current required standalone, 1A if using remote monitor;  
M8 connector

**HIGH VOLTAGE SUPPLY:** Up to 7.5 kV supply integrated  
inside bar

**RANGE:** Ideal: 1"-2" (20-50 mm), Maximum: 1"-6" (20-150 mm)

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

**PROTECTION CLASSIFICATION:** IP67 Intrusion Ingress  
Protection

**ENVIRONMENT:** 32°F (0°C) to 130°F (55°C),  
70% rH non-condensing

**CABLES:** 24V DC M8 cables – 9.5 ft (3m), 16 ft (5m), 32.5 ft  
(10m) lengths in straight or right angle option

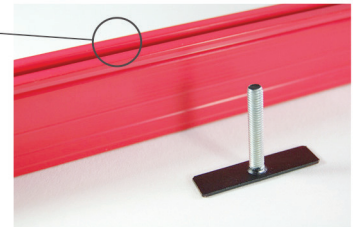
**OPTIONS:** An external universal DC power supply can  
be ordered if 24V DC is not available. Input 100-250V AC,  
output 24V DC. Order# LR-3024-PSU

**WEIGHT:** 6" bar = 0.49 lbs (220 g)  
8" bar = 0.62 lbs (280 g)

**STANDARDS:** CE and UL

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

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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