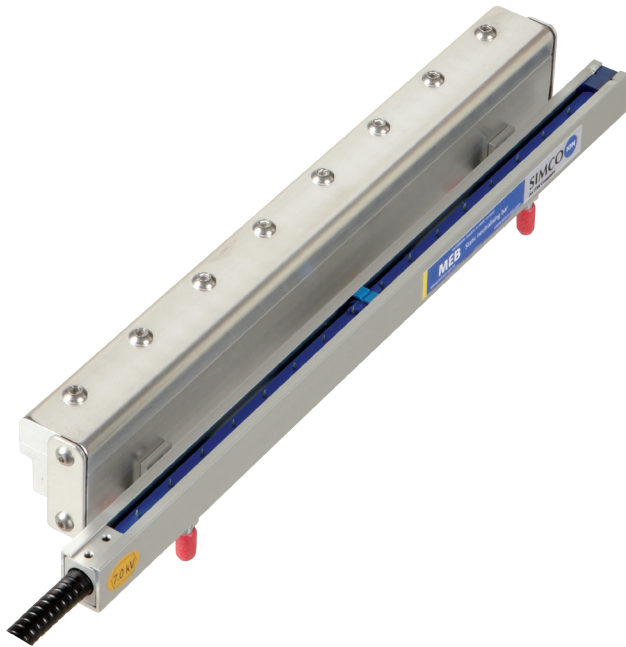




MEB anti-static bar with airknife



A Simco-Ion anti-static bar with airknife combine the effects of air amplification and ionisation to produce a high-velocity "sheet" of ionised air (amplification ratio as high as 25:1). This combined effect can be used for static neutralising and dust removal in a single operation, for instance in the automotive finishing, printing, packaging, plastics and textile industries. The airknife is very compact and does not have any moving parts. Simco-Ion anti-static bars produce an electrical field which causes air molecules to break down into positive and negative ions. These ions are picked up by the high-velocity airflow produced by the airknife and propelled into the work area where they neutralise the charged surface or product.

A type MEB shockless anti-static bar combined with an airknife come in standard lengths. The compressed air is blown across the high-voltage points over the entire width and amplified by the ambient air carried along. The air flow is saturated by the positive and negative ions produced by the anti-static bar. The air flow neutralises the static charge, enabling any contamination to be easily blown away.

Features:

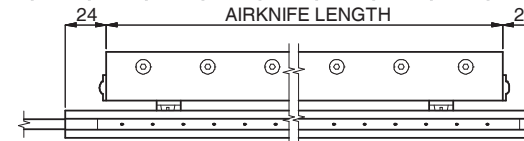
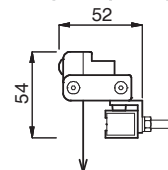
- + Long range neutralisation
- + High blow-off force
- + Air amplifications

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Technical specifications

Working distance	1000 mm max.
Working width	Standard ± 76 150 310 460 610 mm, lengths up to 2000 mm on request.
Housing material	Aluminium
Inner bar material	PVC
Emitter pins	Special alloy
Cable	metal shielded
Weight	3 kg/m
Ambient temperature	0- 55 °C
Use circumstances	Industrial
Operating voltage	7 kV AC
Air consumption	on request
Pressure	max. 10 bar
Airconnection	1/4" BSP
Options	Filter
Suitable power unit	A2A7S/ MPM
Approval	UL



Technical drawing MEB anti-static bar with airknife