

static control made **Easy!**

Product Specifications

Static elimination Ionising airknives



MEB anti-static bar with airknife **Simco-Ion Netherlands**

A Simco-lon 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 textille 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 porduced by the airknife and proplled 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:

- 0 Long range neutralisation
- High blow-off force 0
- Air amplifications

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Technical spec	ifications	-	
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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	-	
Emmiter pins	Special alloy	1	
Cable	metal shielded	+	
Weight	3 kg/m	+	
Ambient temperature	0- 55 ℃	-	
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	-	





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Technical drawing MFB anti-stati