



Performax Easy 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.

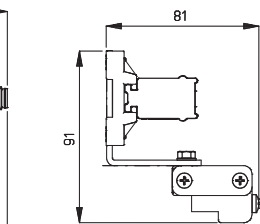
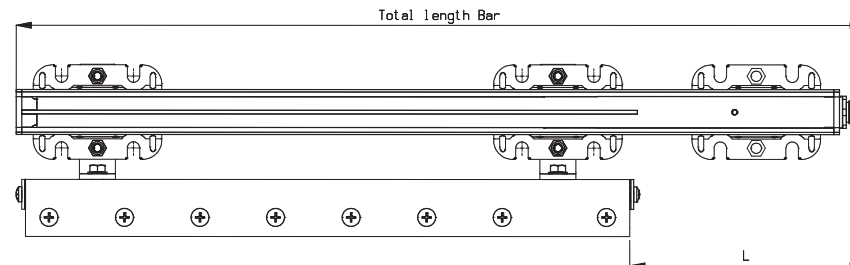
The airknife with Performax Easy is the especially useful for situations where the ionisation or cleaning needs to be mobile s.a. cleaning parts with a robot. With the 24V connection it is easy to install in such applications. The Airknife with Performax Easy is standard available in 5 lengths, 76, 15, 310, 460 and 610 mm. Longer combinations on request.

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Technical specifications

Working distance	3000 mm max.
Working width	standard: 76 150 310 460 610 mm, lengths up to 2000 mm on request.
Housing material	aluminum/reinforced plastic
Ionizing bar material	Potting
Emitter pins	special alloy
Cable	low voltage cable
Weight	4 kg/m
Ambient temperature	0 - 55°C
Use circumstances	Industrial
Operating voltage	24 V DC
Air consumption	on request
Pressure	max. 10 bar
Airconnection	1/4" BSP
Option	airfilter



Technical drawing Performax Easy with airknife