

OBSOLETE



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.

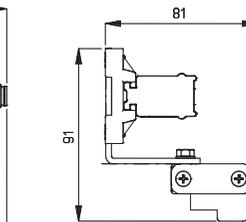
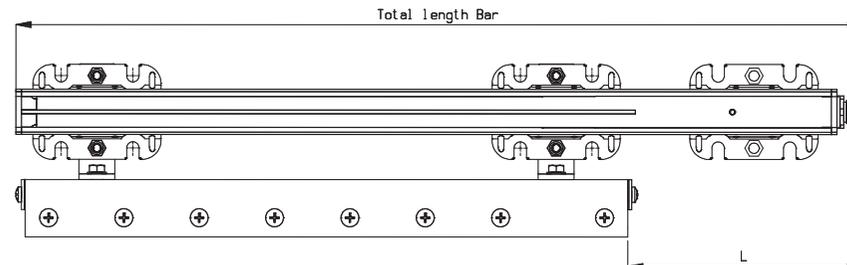
The airknife with Performax Easy is the especially useful for situations where the ionisation or cleaning needs to be mobile s.a. cleaning parts with a robot. With the 24V connection it is easy to install in such applications. The Airknife with Performax Easy is standard available in 5 lengths, 76, 15,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

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Technical specifications

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|----------------------|--|
| 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 |
| Ionizingbar 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