



# Sentry

Plastics attract dust due to static electricity. The dust particles stick firmly to the surface, which creates quality issues. Due to their shape, many plastic products have to be neutralised from a distance. For this purpose, Simco-Ion has developed ionising air blowers. The emitter pins of the anti-static bar inside the blower ionise the air which is blown towards the electrostatically charged object. The part is then neutralised by the ionised flow.

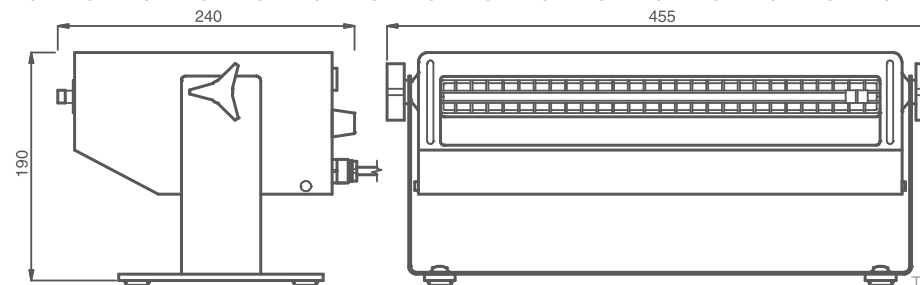
The Sentry is ideal for use in light industrial environments and it increases productivity. The Sentry is excellently suited to neutralise static charges on three-dimensional objects, for instance injection moulded products. This ionising air blower stands out for its compact design. It has an integrated fan which draws in the ambient air and blows the air off along the anti-static bar. The air inlet may be fitted with a filter. The air volume can be adjusted electrically. The high-voltage power unit for the anti-static bars is also integrated. The anti-static bars are equipped with a (patented) cleaning system. The control knobs at the rear are easily reached and operated.

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## Technical specifications

|                       |                        |
|-----------------------|------------------------|
| Working distance      | 1000 mm max.           |
| Working width         | 500 mm                 |
| Housing material      | painted steel          |
| ionizing bar material | brass                  |
| Emitter pins          | special alloy          |
| Cable bar             | 1,8 m with plug        |
| Weight                | 8 kg                   |
| Ambient temperature   | 0 - 50 °C              |
| Use circumstances     | light Industrial       |
| Noise level           | 58 dB (A) (at 1 metre) |
| Airvolume             | 119-203 m3/h           |
| U primary             | 230 V AC, 50 Hz        |
| Power consumption     | 115 Watt               |
| Fan speed control     | yes                    |
| Options               | Filter                 |
| Suitable power unit   | intergrated            |



Technical drawing Sentry