SIMCO ION™
An ITW Company

static control made **Easy!**

Product Specifications

Static elimination
Ionising airblowers

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 ionizing 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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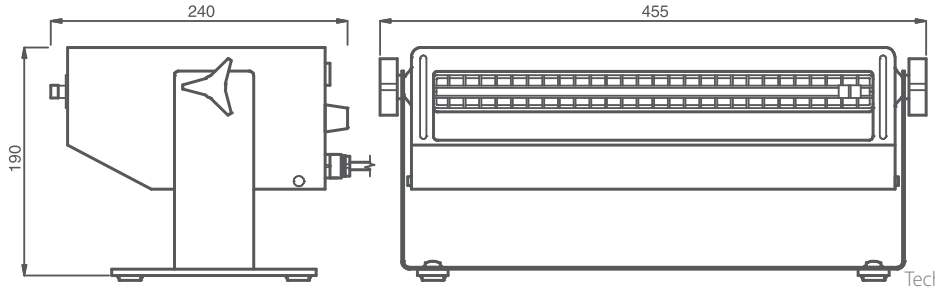
Technical specifications

Working distance	1000 mm max.
Working width	500 mm
Housing material	paintedsteel
Ionizingbar material	brass
Emitter pins	special alloy
Cable bar	1,8 m with plug
Weight	8 kg
Ambient temprature	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