

2050 Ionised Air Blower

High specification Ionised Air Blower with integrated power unit and controls.

High performance to meet the demanding requirements in the electronics, medical, pharmaceutical and RFID industries



Benefits and Advantages:

- High Performance with excellent electrical balance +/- 30V is standard for this model.
- Visible alarm if there is non-function or if the unit. LEDs showing operational condition: green = ok, red = fault.
- Portable and easy to install - with adjustable stand for mounting versatility.
- Long life titanium emitters. Replaceable if damaged.
- Adjustable airflow up to 170m³/hr(100cfm)
- High performance axial fan, ball bearing, with life expectancy of 120,000 hours at 40°.

How it works:

An integrated power supply generates high voltage which is transmitted to emitters around the axial fan to create ionised air. The airflow from the fan transports the ionised air to the object to be neutralised.

Applications:

The balanced and controlled ionised air produced by the 2050 was originally designed to meet the exacting requirements of the electronics industry, but its power and performance allows it to be used in many other areas of industry:

Pharmaceutical and medical:

Neutralising the charge on packaging and in production.

Plastics:

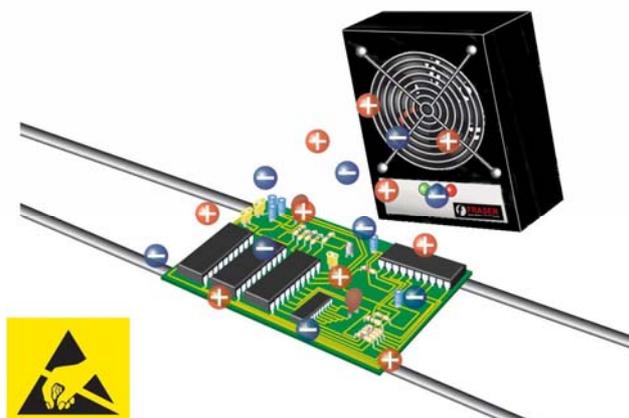
On injection mouldings, extrusions, bottles.

General industry:

Automated lines, bowl feeders.

Packaging:

Wrapping machines, thermoforming.



Neutralisation/Charge reduction:	5000V to 500V < 1 second at 300mm
Alarm:	Visual alarm if there is a fault with high voltage output.
Ion Balance:	The ion balance is factory set to +/- 10V. Where this is critical it should be checked as required. Balance is adjusted with a 2mm screw driver.
Air Flow:	Adjustable up to max of 170m ³ /hr . (100cfm)
Noise:	Low speed: 45dB High Speed: 56dB
Filter:	Optional, with replaceable element.
Electrical:	The 2050 operates with 12V DC. A 100V-240V, 47-63Hz mains adapter is supplied with the equipment. The 2050 must be earthed, an earth lead is provided. For direct connection to 12V supply use a Switchcraft S761K connector. The 12V return line must be connected to earth. The supply must be between Min 10V and Max 12.8V and capable of supplying 1A.
Dimensions:	Body 185mm high x 165mm x 71mm. Height with stand is adjustable. Weight: 1.5kg.
Construction:	Anodised and texture coated aluminium, stainless steel stand.
Environment:	Temperature -0°C to +60°C. Humidity max. 70% non-condensing.



LED Indicator

