

HOW IONIZATION CAN BE USED TO COMBAT FOD

Ionization is a critical tool to incorporate into your Electrostatic Discharge Protected Area (EPA) and cleanroom, not just for ESD Control, but also for Foreign Object Debris (FOD) Control. Aside from generating ESD events, static is also known to attract particulates like debris, dust, and other foreign particles. This alien debris could put your high-reliability products at risk, potentially resulting in catastrophic or latent failures.

Ionizers flood the environment with positive and negative ions to reduce the static field while also lessening particulate attraction. For decades, ESD Programs have incorporated ionization to control charges on process essential insulators that cannot be grounded. As ESD sensitivity has increased in recent years, ionizers also aid in reducing particulate contamination to protect critical products. Simply install your SCS benchtop or overhead ionizer to neutralize electrically charged surfaces and reduce FOD in your cleanroom.

IONIZERS USED TO COMBAT FOD



Benchtop AC Ionizer



Ion Pro Benchtop Ionizer



Mini Air Ionizer



Ionized Air Gun



Overhead Ionizer



Ion Pro Overhead Ionizer

Many of our avionics, aerospace, and medical device customers rely on SCS ionizers to increase yields and enhance their Quality Control efforts. Let's help you identify the SCS ionizer ideal for your application.

[Learn More](#)