

What Is Electrostatic Disinfection?

For sensitive places, like clean rooms, offices, healthcare facilities and schools, there's a more effective method for stripping germs from surfaces that require specialized sanitation: electrostatic spray.

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Electrostatic spray surface disinfecting is the process of spraying an electrostatically charged mist onto surfaces and objects. Electrostatic spray uses a specialized solution that is combined with air and atomized by an electrode inside the sprayer. Subsequently, the spray contains positively charged particles that are able to aggressively adhere to surfaces and objects. Because the particles in the spray are positively charged, they cling to and coat any surface they're aimed at. The nature of the mist allows it to coat surfaces evenly, and envelope objects—even if the mist is only sprayed from one side. After the spray is applied, the sanitizing agent works to disinfect the covered surfaces. For this reason, electrostatic spray is an excellent solution for germ and contaminant ridden areas.



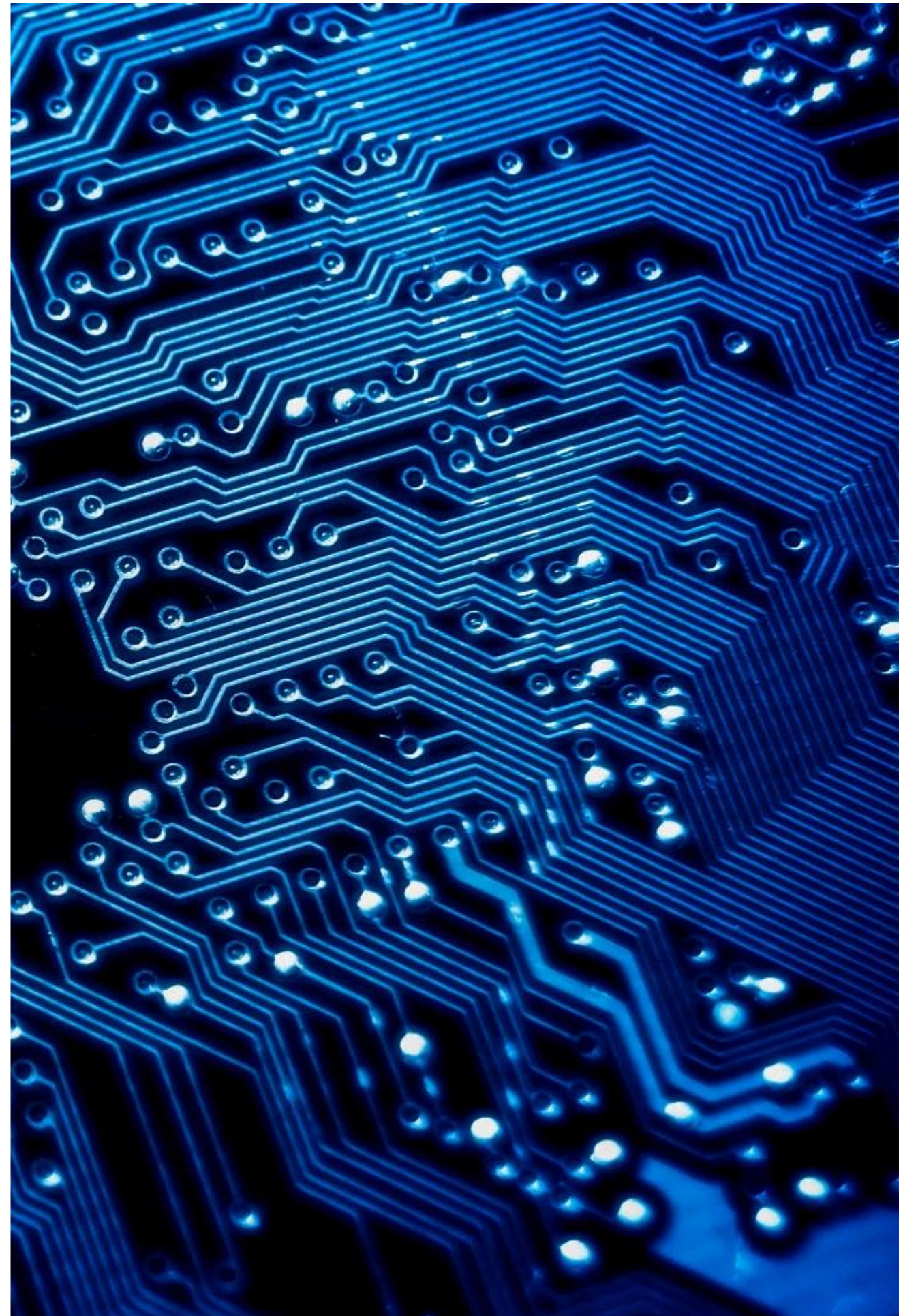
How Does Electrostatic Disinfection Work?

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Electrostatic spray is electrically charged, allowing the appropriate sanitizers, mold preventatives and disinfectants to wrap around and evenly coat all types of surfaces for a more complete disinfecting. As the chemical exits the electrostatic sprayer, it's given a positive electrical charge. The droplets then become attracted to all negative surfaces, covering the visible area, underside and backside, with the sanitizing agent. Surfaces that are already covered will repel the spray, making the method extremely efficient.

The main features and benefits of electrostatic spray disinfection include:

- Reduces the time it takes to cover and disinfect all surfaces and hard-to-reach places by 50% compared to conventional methods
- Improves infection control and the spread of viruses; such as, influenza, MRSA, HIV and many others
- Applies chemicals in a more efficient, controlled manner, eliminating the dangers of overuse
- Prevents costly financial burdens associated with contagious healthcare infections



What Is Electrostatic Disinfection and How Does It Work?

Step 1

With the use of electrostatic technology and Multi-Clean® 256 Century Q Disinfectant Cleaner (EPA Registration No. 47371-129-5449) has demonstrated effectiveness against viruses similar to the 2019 Novel Coronavirus (SARS-CoV-2, the cause of COVID-19) on hard, non-porous surfaces.

Step 2

With the use of electrostatic technology and Goldshield 5 has been applied to all applicable surfaces to make them antimicrobial for 30+ days! Here is how it works:

Part 1 & 1A: Goldshield 5

Possess a surface penetrating compound that provides better coverage and thus better efficacy, 1A, there is the “silane base.” This is the compound that anchors and triggers the covalent bonding functionality which allows Goldshield 5 and 75 to adhere to surfaces and textiles and remain durable for up to 90 days or longer. Goldshield actually becomes part of the surface to which it is applied.

Part 2:

The “nitrogen” molecule, which is positively charged (+). Key: many microbes are negatively charged; therefore, as in nature, the nitrogen molecules in Goldshield “attract” the negatively charged microbes toward them until contact.

Part 3:

A long carbon chain that releases an ionic charge that disrupts the microbe’s cell membrane upon contact *mechanically* inactivating the microbe . At the same time, the quaternary compound component of Goldshield denatures the microbe’s proteins . . . *chemically*.

Office Disinfecting to Fight Coronavirus

With colds, the flu, Covid-19 and many others still around, even if winter is thankfully ending, we, at East End Group, wanted to let you know that we can handle them all. Our disinfecting technology can cut down on employee absenteeism and allow for your business to run uninterrupted. While germs can easily spread everywhere, a reliable disinfectant can still ensure your office stays bacteria free and fight off any unwelcomed germs.

Electrostatic Spray Disinfecting

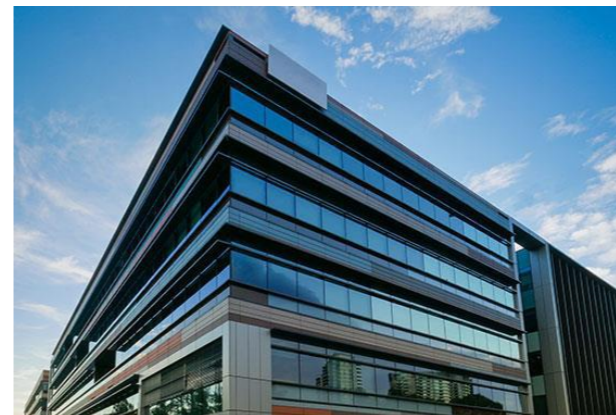
If you need an intensive way to fight the germs, an electrostatic spray disinfecting is your answer. We have been using the electrostatic disinfecting process with great success and believe it will help you as well! Here at East End Group, we can come in and disinfect even those hard to reach places. You'll have more coverage, less waste and better results than any conventional cleaning product, ensuring a germ-free office in no time.

Electrostatic Spray Disinfecting

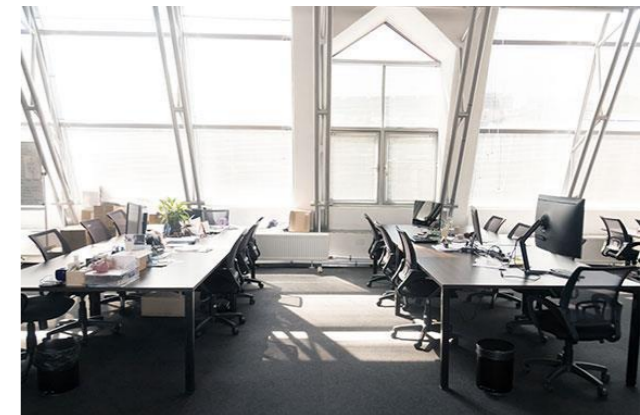
From door handles to keyboards, bacteria quickly builds-up on every surface of commercial and residential spaces, spreading contagious illnesses, like the flu and strep throat. And now with the outbreak of coronavirus overseas, a sanitary environment is more important than ever. However, bacteria and other tiny particles can be impossible to fully eliminate with traditional disinfecting and sanitizing methods. To really stop illnesses from spreading, you need a new solution: electrostatic spray technology.

Electrostatic Spray Disinfects and Sanitizes all Types of Spaces

Electrostatic spray disinfecting can be used on most surfaces in many types of indoor environments, including:



Commercial Buildings



Desktops, Floors, Walls & Ceilings

Stop Coronavirus In Its Tracks

With Electrostatic Disinfection Spraying Services



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