

Supereon

Product Brochure



COMPANY OVERVIEW

Supereon is an Integrated Facilities Solutions Company and manufacturer that provides environmental electrostatic disinfection and decontamination services and products, as well as other facilities support services to companies and institutions looking to manage their facilities more effectively and realize cost-effectiveness.

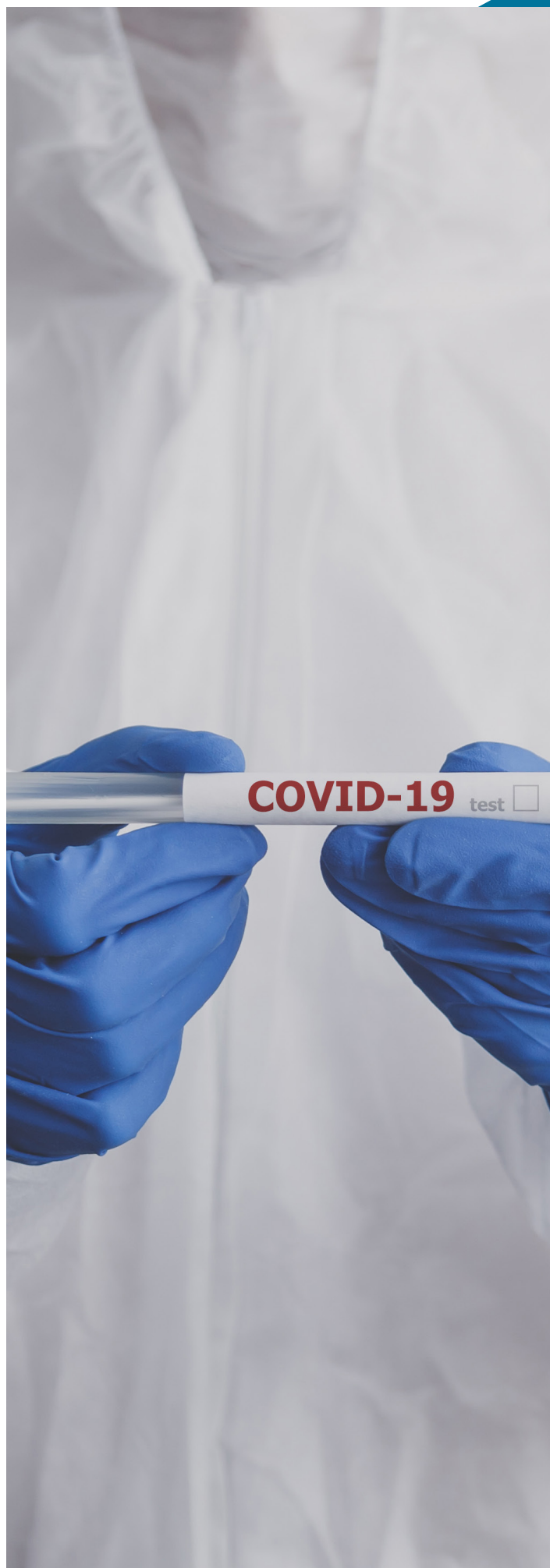


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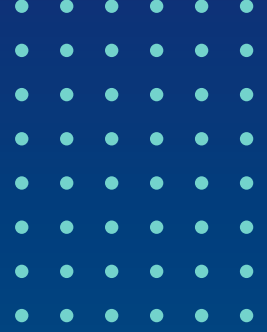


What is Electrostatic Spray Technology?

Electrostatic Spray Technology is founded in Electrostatics. Electrostatics is the study of electromagnetic phenomena that occur when there are no moving charges—e.g., after a static equilibrium has been established.

Electrostatic phenomena is easily demonstrated when some articles of clothing cling together when pulled out of a dryer or if you have ever shuffled your feet across carpet and reached for a doorknob. These scenarios are examples of Coulomb's law. According to Coulomb, the electric force for charges at rest has the following properties: Like charges repel each other; unlike charges attract. Thus, two negative charges repel one another, while a positive charge attracts a negative charge.

Supereon's electrostatic sprayers positively charge the chemical disinfectant while it is in the tank, as well when it leaves the spray nozzle creating greater attraction for better coverage and disinfection. These "super-charged" droplets then actively seek out negative or neutral surfaces and because the disinfectant has been positively charged subsequently wraps around surfaces thus providing full coverage of surfaces.



COVID-19: Combating the virus with the Supereon Electrostatic Sprayer

Due to the spread of the virus there is now an exponential increase in the need to disinfect in many very large facilities like manufacturing plants, government agencies, grocery stores, warehouses, hospitals, restaurants, airports, hotels and other public places.

Supereon has recognized the need to meet this demand and increased the production of our highly effective electrostatic sprayers. According to CDC, Coronavirus (COVID-19) is primarily spread from person to person in which one can become infected from respiratory droplets when an infected person coughs, sneezes or talks. The virus can also be transmitted by touching contaminated surfaces and/or objects and then touching your mouth, nose or eyes.

Electrostatic disinfecting has quickly become the preferred method for disinfection and has been adopted by many industries e.g., janitorial companies, factories, airlines and more in fact Southwest Airlines is applying electrostatic spray technology to its aircraft interior. "We have more than 100 of these highly specialized units on order," Southwest said, "and as the size of fleet and number of overnighting aircraft climbs back toward pre-pandemic levels, we'll continue evaluating new ways to utilize the technology with the overarching goal of instilling confidence for everyone who steps onboard a Southwest aircraft."

United has also started to use electrostatic spraying to disinfect all inbound international flights as well as mainline aircraft at its hub airports. "In June, all aircraft will have electrostatic spray on every one of our departures, in addition to disinfecting customer touch points and surfaces before every flight," United said.



SUPEREON 5XL

This Electrostatic sprayer combines technology, functionality and price. It was specially designed to provide high level of effectiveness and efficiency. The electrostatic technology offers unsurpassed uniformity in coverage of complex surfaces with exceptional transfer efficiency.

It places a positive electrostatic charge to the disinfectant as it leaves the spray nozzle, causing each droplet to become powerfully attracted to its opposite charge on high-touch areas such as desks, table tops, chairs, door handles, cabinet handles, light switches and more. Using the Supereon 5XL, you can help stop the unnecessary spread of infections.



FEATURES

OSHA Compliant 40 micron particle size

Supereon places great emphasis on the quality, reliability and security of the product it offers. It designed the Supereon 5XL in full compliance with the Occupational Safety and Health Administration (OSHA) recommended droplet size of 80 microns or less.

Dual purpose

The Supereon 5XL electrostatic sprayer is safe to use indoor or outdoor.

12V9AH Lead acid battery

The battery allows for approximately 6 hours of continuous usage. The battery compartment is also easily accessible and changed with few simple steps.

Powerful Electrostatic charge

The Supereon 5XL deploys 16KV+ electrostatic output, which is nearly twice the electrostatic output of other sprayers. It also releases 32 oz. per minute flow rate for faster coverage.

5.2 Gallon ergonomic backpack design

The tank holds 5 gallons of chemical, allowing 50,000 sq. ft. of coverage, Cordless design also allows for easy movement.

WHY CHOOSE SUPEREON

Supereon is a service-centric company who is focused on ensuring quality products and services. Our business model is not only transactional as we don't see our client base simply as customers who purchase our services and products, but comrades thus we understand their needs and pay attention to the challenges they face in order for us to deliver high-quality solutions and experiences.

INDUSTRIES WE SERVE

- Federal, State and Local Government
- Commercial Real Estate
- Industrial Complexes
- Hospitals
- Academic Institutions
- Sports Facilities



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