

EMIST

TALKING POINTS

FEEL FREE TO COPY AND PASTE THE PARAGRAPHS BELOW



COMPANY DESCRIPTION

EMist® is a US-based manufacturer of electrostatic disinfectant sprayers headquartered in Fort Worth, Texas. The original product was created by industry veteran Mike Sides, who has designed electrostatic spray technology for more than 30 years.

Committed to stopping the unnecessary spread of sickness and infection in every community, EMist's patented technology provides for the most comprehensive, efficient, and effective surface treatment in the world.

WHAT IS ELECTROSTATIC SPRAY TECHNOLOGY?

Electrostatics is a branch of physics that studies the phenomena and properties of stationary or slowmoving electric charges (Electrostatics, 2016). Electrostatic phenomena is easily demonstrated when lint is attracted to clothes, or when dust clings to a TV screen. These descriptions are examples of Coulomb's law. Coulomb's law states that opposite electrical charges attract and like charges repel. Electrostatic spraying has been used for many decades in painting and agriculture. EMist uses this same process to apply a charge to the liquid droplets as they are formed and just before the droplets leave the spray nozzle. These "super-charged" droplets then actively seek out negative or neutral surfaces. What's more, as the droplets leave the nozzle, the charged droplets repel one another, keeping them from coming together and forming larger droplets. Interestingly, because of the electrostatic charge, droplets "wrap" around surfaces providing an even, consistent surface coverage.

WHAT ARE THE EMIST DISINFECTANT SPRAYERS?

The EMist sprayers are the most powerful, efficient and cost-effective disinfection sprayers on the market. The sprayers place an electrostatic charge to disinfectants as the chemical leaves the spray nozzle, which causes the chemical droplets to cling to virtually any surface.

WHO CAN OPERATE THE EMIST SPRAYERS?

Your current janitorial, housekeeping or environmental service staff will find the sprayers easy to use and to operate. They'll also discover that it takes less time to cover more area and to do the job with better outcomes and more cost effectively.

HOW DOES USING AN EMIST SPRAYER SAVE ON LABOR COSTS AS COMPARED TO "WIPE-AND-GO" DISINFECTING METHOD?

EMist is a better way to apply disinfectants. Better, faster, and less cost. Using the system decreases the amount of labor and chemical by up to 50%. The system allows the chemistry to achieve proper contact time for maximum kill claims stated by the EPA registered chemical. The current "wipe-and-go" disinfecting method introduces human error with the potential of missing high/low touch surfaces, minimizing kill claims by chemicals with reduced, inconsistent contact times and introducing the potential for cross-contamination by touching every surface. It also has the potential to expose workers to surface pathogens due to touching surfaces.

WHAT'S THE DIFFERENCE BETWEEN CLEANING, DISINFECTING & SANITIZING?



CLEANING

Removes germs, dirt, and impurities from surfaces or objects. Cleaning works by using soap (or detergent) and water to physically remove germs from surfaces. This process does not necessarily kill germs, but by removing them, it lowers their numbers and the risk of spreading infection.



DISINFECTING

Kills germs on surfaces or objects. Disinfecting works by using chemicals to kill germs on surfaces or objects. This process does not necessarily clean dirty surfaces or remove germs, but by killing germs on a surface after cleaning, it can further lower the risk of spreading infection.



SANITIZING

It lowers the number of germs on surfaces or objects to a safe level, as judged by public health standards or requirements. This process works by either cleaning or disinfecting surfaces or objects to lower the risk of spreading infection.

CORDLESS VS. CORDED: CUTTING THE CORD

Just as is true in most industries, there are pros and cons between using a cordless or corded electrostatic sprayer. A corded electrostatic sprayer restricts mobility and keeps you tethered to a wall outlet and because there are electrical cords involved, they create a tripping hazard. As well, most corded electrostatic sprayers recommend the use of a GFCI (ground fault circuit interrupter) power outlet. On the other hand, a cordless electrostatic sprayer is not tethered to a wall outlet for power. That means you can take the electrostatic sprayer to where the work needs to be done rather than relying on wall outlets at the work site. Since the electrostatic sprayer has no cord, a cordless sprayer offers greater flexibility and portability. When spraying big projects, multi-story buildings, tight spaces, a cordless sprayer allows you to maneuver and move about freely without the hazard of tripping or tangling a cord. Portability is a clear advantage for any user that needs to move about frequently.

Additionally, nearly every power tool on the market today comes with a lithium ion battery. These batteries are capable of holding a lot of power that doesn't diminish over time if the sprayer is not in use. Corded electrostatic sprayers are no match to cordless electrostatic sprayers when it comes to maneuverability and convenience. EMist cordless electrostatic sprayers will last a long time before their power starts to diminish.



Cordless handheld electrostatic disinfectant sprayer able to cover up to 54,000 high-touch point sqft. Uses advanced EPIX bipolar ionization technology to eliminate grounding and create a safer operating environment for the user.

EX-7000 Cordless Backpack Disinfectant Sprayer 44,300 high touch point sq. ft. coverage. Patented. Proven. Trusted. 35% decrease in labor costs. 45% decrease in chemical costs. 75% faster application.

Cordless backpack or roller cart electrostatic disinfectant sprayer able to cover up to 54,000 high-touch point sqft.

PRODUCT DESCRIPTION

EMist's electrostatic sprayers are the most effective disinfectant sprayers in the world. Built to work, these cordless sprayers are powerful, durable, and provide breakthrough application performance. The EMist sprayers cover more area using less chemical and produce less waste. The EPIX360 works flawlessly and consistently, improves transfer efficiency, prevents shocks and electrical hazards, and eliminates the need to wear anti-static gloves or bonding straps to prevent electrostatic buildup.

HOW LONG DO GERMS STAY ON SURFACES?

SARS-CoV-2 can remain on surfaces for hours and up to 9 days. Research has shown that microorganisms can survive on surfaces for days, weeks, and even months, and can be hidden from current spray and wipe methods. Using electrostatic technology provides effective, proven, safe and comprehensive surface coverage and eliminates cross-contamination of dangerous pathogens.

WHICH DISINFECTANTS CAN BE USED WITH EMIST?

Any water-soluble chemical can be used in the EMist electrostatic sprayers. However, we prefer "safe and green" disinfectants. Obviously, a perfect disinfectant would offer complete and full microbiological sterilization, without harming people/animals, would be inexpensive, and noncorrosive. However, most disinfectants are potentially harmful and even toxic to humans/animals. One such solution is Hypochlorous acid (HOCl). HOCl works very well against pathogens like Methicillin-Resistant Staphylococcus Aureus and Pseudomonas Aeruginosa. Though very powerful, HOCl is 100 percent safe for humans, chemical-free, non-toxic and all-natural. How often should I clean and disinfect surfaces? We recommend and follow the CDC's standard procedures for routine cleaning and disinfecting. Typically, this means daily sanitizing surfaces and objects that are touched often.