



TruElectrostatics.
TruDisinfection™.

Technology Matters

It is important to note that most environmental surfaces have a negative or neutral charge (the earth itself is negative). As such, for true electrostatic adhesion to occur, electrostatic sprayers should impart a positive charge so that the positively charged disinfectant droplets are attracted to targeted negative or neutral surfaces.

EMist TruElectrostatics TruDisinfection™ Sprayers provide a positive charge to droplets. As droplets leave the electrostatic sprayer nozzle, they race to find their oppositely charged surfaces, this causes them to spread out and wrap around three-dimensional objects.

Just as the automobile painting industry discovered decades ago, using an electrostatic sprayer results in an even coating. This includes hard-to-reach areas typically not touched by manual application.



TruElectrostatics. TruDisinfection™. Advanced Electrostatic Sprayers.



EX7000

The EX-7000 is built around our proprietary EPIX Charge Detect™ Technology. Built to work, this electrostatic sprayer is powerful, durable, and provides breakthrough application performance - more coverage, less waste, and better results. Simply fill the tank with any water-soluble chemical, pull the trigger and the EX-7000 lays down an even, uniform and wraparound layer of your preferred disinfectant up to 44,300 high-touch point square feet.



1

New EPIX Charge Detect™ Technology

The electrostatic sprayer continuously detects the polarity of the user and the equipment and adjusts automatically so that grounding is never an issue. The discharged droplets wrap around surfaces. This wraparound effect creates an even, consistent and comprehensive coverage of chemical, reduces chemical use, and provides superior results.

2

Patented. Proven. Trusted.

When you're dealing with deadly pathogens, you want to make sure that the company you're buying equipment from is reputable experienced, and trusted. EMist systems are patented, used during the 2014 Ebola crisis, and developed by electrostatic industry veteran Mike Sides, who frequently works with the DOD, Naval Entomology Center of Excellence, USDA, and WHO.

3

Best Performance

Electrostatic sprayer polarity matters. Most environmental surfaces have a negative or neutral charge (the earth itself is negative). Per the EPA, electrostatic sprayers should impart a positive charge so that the positively charged disinfectant droplets are attracted to targeted negative or neutral surfaces. Positively charged droplets increase droplet adhesion and wrap reducing chemical and labor costs.

4

Safer Operation

When spraying big areas, big buildings, or tight spaces, a cordless sprayer allows you to maneuver and move about freely. EMist sprayers are ergonomic, lightweight, and cordless. That means you can take the sprayer to where the work needs to be done rather than relying on wall outlets at the work site. Portability is a clear advantage for any user who needs to go where the work is to get the job done right.

5

User Safety

Per the EPA, median droplet size should be greater than 40 microns. Droplets must be large enough to resist evaporation and drift but small enough that the droplets can change their trajectory when it comes close to a target. Most sprayers produce droplets of < 40 microns making them highly drift-prone and increasing user inhalation concerns. EMist droplet size is 75 microns.

6

Lower Total Cost of Ownership

Based on the need to disinfect large areas, manual application of disinfectants is a thing of the past. Electrostatic application is the new normal. Customers who use our systems typically see 25% to 45% labor savings and 35% to 50% chemical savings. Competitively priced, advanced and patented electrostatic technology, and proven performance provide an overall lower total cost of ownership.