



Eco Statics (Europe) Ltd

# REVOLUTIONARY ELECTROSTATIC TECHNOLOGY

The next step in surface disinfection.  
An applicator of water-based solutions.

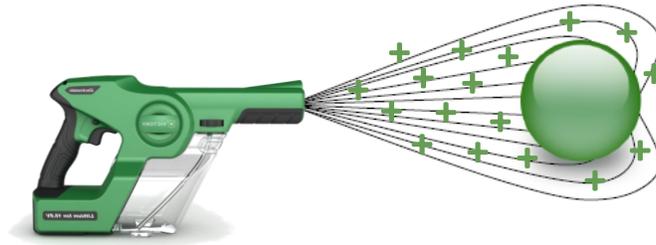


**Eco Statics Europe Ltd** are the  
Exclusive Master Distributor for UK, Europe & other Countries

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## 'Nine Tenths of the Law'

*"Possession of a pathogen in your space means that you have taken ownership of the risks and liabilities associated with unhealthy surfaces. The demands, costs, and personnel required to stay ahead of mobile pathogens without the use of technology makes the expectation of proper surface disinfection unrealistic. Proper surface disinfection is not possible without the assistance of advanced application technologies."*



## What is Electrostatic Spraying?

*Electrostatics is not an invention, it is a natural condition.*

Electrostatics is the process of adding an electrical charge to the liquid droplets when they are sprayed. This makes the droplet electrically stronger than the surface or the item you are treating. Just like magnets, they are drawn to each other and attach when one surface is more positively charged than the other.

This is important because the liquid agents you choose work best when they are given an opportunity to electrically attach to a surface. Treating three dimensional surfaces effectively is generally not possible without leveraging a liquid adhesion technology like electrostatics.

We expertly leverage this electrical phenomenon and we have patented a system for broader and safer use. Spray any water based liquid at a surface and the droplets seek out the target magnetically, while adhering for better liquid performance than ever before.

The unique technology enables the electrical charge to be applied inside the droplet instead of attaching it to the outside of the droplet like many other electrostatic sprayers do. This enables the droplets to keep their charge for longer and ensures that you get the full effect of the electrostatic technology.

The science of electrostatics is only one element of better surface management. A great system takes into consideration where these liquids are going to be used and who is applying them, and must be combined with their best efforts to achieve better results than current methods or tools. In simple terms when you spray a solution that is properly charged with electrostatics the solution will envelop the targeted object.

# Product Range

## VP200ES

Commercial Hand Held  
Electrostatic Sprayer



### Specification

- 3400 MaH Lithium Ion Battery  
(4 hours Spray Time / 1 Hour Charge Time)
- Positive Electrostatic charge
- Micron Sizes 40/80/110
- Flow Rates 97/106/127 ml/min
- 3-4 feet spray range
- 1.7 KG in weight
- CE marked
- 1.2 Litre tank
- 8 Bar Pressure

### Features

- Completely portable
- On / Off electrostatic switch
- Double locking tank
- Self sealing tank
- Trigger lock
- 3 way interchangeable nozzle
- Wrapping effect
- Cooling vents
- Stainless steel grounding strip
- Quiet operation
- Automatic torch at tip of nozzle
- Hard travel case

## VP300ES

Commercial Back Pack  
Electrostatic Sprayer



### Specification

- 3400 MaH Lithium Ion Battery  
(4 hours Spray Time / 1 Hour Charge Time)
- Positive Electrostatic charge
- Micron Sizes 40/80/110
- Trolley Adapter Available
- 5-7 feet spray range
- 5 KG in weight
- CE Marked
- 8 Litre tank capacity
- 12 Bar pressure

### Features

- Completely portable
- Light weight wand
- Self standing unit
- Ergonomic strapping
- Double locking tank
- LED battery lights
- 3 Way nozzle
- Wrapping effect
- Stainless steel grounding strip
- Quiet operation
- Liquid filter
- Durable and flexible chords

# Benefits of Electrostatics

## DWELL TIMES

We selected the 40 micron droplet size to ensure solutions meet their dwell time and their test data when sprayed onto the target. Therefore we enable solutions / chemicals to do what you bought them to do and that was 'To kill pathogens!' The 3 way nozzle can be used to change the amount of time you would like the surface to stay 'wet' for and how much solution you would like to apply...



## TOUCHLESS APPLICATION

With the application of the water-based solution through the electrostatic sprayer, there is no need to touch/wipe the surface(s) (dependent on solution spraying) this provides a unique and effective application method.

## ELECTROSTATIC WRAPPING

When you spray a solution that is charged with electrostatics, the solution will envelop the target. Electrostatics is not an invention. It is a natural condition. We expertly leverage this electrical phenomenon and provide a patented portable system for broader and safer use.



## REDUCE CROSS CONTAMINATION

Cross contamination can be considerably reduced due to the touch less aspect of the sprayers. Surfaces will not be touched by cloths or human hands therefore wont be moving bacteria from one place to another.

## LIQUID ADHESION

The electrostatic positive charge inserted into the droplet (unlike any other electrostatic application) enables the droplet to adhere itself to the surface via the cationic charge. As the droplets hit the surface they create an even spread because they hold their cationic charge for approx 2 -3 seconds therefore not creating drips, as two positive charges will repel from each other.



# Benefits of Electrostatics

## PORTABILITY

This portability of electrostatic sprayers has never been seen before and our revolutionary commercial hand held sprayer has enabled us to bring these to all markets and business types. They are light weight, cordless and come complete with a carry case so they can be taken anywhere!



## EASY TO OPERATE

No gauges or compressors, these sprayers have been designed to be used by anyone, with the use of simple switches and triggers. Simply fill up the tank, turn on the electrostatic switch, and then pull the trigger.

## LOW COST AND EASY TO IMPLEMENT

In comparison to the other electrostatic units currently in the market, none of them come close to the price of our unit. These units are cost effective and easy to implement due to the versatility and portability. Contact us today on how you can utilise electrostatics within your business.



## QUICK AND EFFECTIVE

Using the electrostatic sprayers will enable a quick and effective disinfection / sanitisation. This is because the electrostatic charge that's applied, allows the solution to cover hidden and shadowed areas, but also enables you to cover a large area in a small amount of time. Due to the type of spray pattern the sprayer produces.



## ECO FRIENDLY

Our sprayers give an eco friendly approach to disinfection due to the time that can be saved whilst utilising the sprayers, but also the reducing the amount of solution of that is sprayed, whilst creating a safer environment for people to work, live and play in!



Hospitals, nursing homes, nurseries, schools, gyms, leisure facilities, hotels and restaurants and many more places where bacteria grown (everywhere) – are all places you would expect disinfection protocols to be at their very best!

Therefore, why are so many people getting sick?! The answer to that is because of the ineffective and inefficient cleaning protocols and the lack of innovative technology.

***The most serious germ lurking in locker/changing rooms and gyms is MRSA. – CDC***

***Touching a contaminated surface, then touching your mouth, spreads 61% of diarrhoea or vomiting outbreaks. – CDC***

## Application Comparison

Based on 450sq ft of office space across all surfaces

### VP200ES Sprayer

341ml

2.20 Minutes

5.03 Minutes

**Product Usage**

**Application Time**

**Dry Time**

### Trigger Sprayer

1.08 Litres

12.17 Minutes  
1,130 Trigger Pulls

11.13 Minutes

The electrostatic advantage:

**68% Product savings**

**81% Time savings**

Cutting edge electrostatic spraying technology delivers precise application of disinfectants with 3x the coverage compared to traditional sprayers, wipes, or cloths.

- **Desks were found to have 400 x more bacteria than a toilet seat.**
- **Tests have proved that in just a few hours, viruses can spread to 60% of a building's occupants from a single doorknob.**
- **Studies determined that 28% of gym surfaces tested positive for contamination.**
- **CDC statistics showed 3 out of 4 Norovirus outbreaks occur in long-term care facilities and nursing homes.**

**IT IS TIME FOR AN INNOVATIVE AND TECHNOLOGICAL APPLICATOR IN THE PREVENTION OF INFECTIOUS DISEASES WHILST CLEANING -**

**ECO STATICS EUROPE**

**QUICK, SAFE AND EFFECTIVE TO USE FOR EVERYONE.**