

Promoting an environmental responsibility and philosophy associated with the use of green eco solutions for sustainable cleaning

Welcome to our guide on electrostatic disinfection & sanitisation to eradicate pathogens, microorganisms & bacterial issues from your work place and premises.

What makes our disinfection cleaning so effective?

We use a new form of cleaning technology called electrostatic disinfection. Simply put, we spray an electrostatically charged mist that disinfects all surfaces and objects by sticking to them.

This guide includes:

- ✓ An outline of which buildings and premises will benefit from being disinfected and sanitised
- ✓ An introduction and explanation of electrostatic disinfection
- ✓ An explanation of why and when you would use an electrostatic disinfection
- ✓ The benefits it offers
- ✓ A short account of the equipment we use
- ✓ Finally, how to contact us with your requirements

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Where is Electrostatic Disinfection crucial?

- ✓ A building where people congregate including but not limited to, offices, conference rooms, canteens/cafeterias, locker rooms and reception areas.
- ✓ A hygiene facility including, but not limited to lavatories/toilets, shower rooms, hand-washing stations.
- ✓ A busy site with many surfaces where frequent human contact might provide a reservoir for pathogens / microorganisms / bacteria

We can facilitate, clean and disinfect the following premises [but not limited to]

- Public buildings, Private Sector Buildings
- Schools, Colleges and Universities
- Hospitals
- Nursing Homes
- Child Care Centres
- Leisure Centres and Gyms
- Pubs, Clubs, Cinemas
- Restaurants, Food Service Businesses
- Dental Practices, Medical Practices

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What is Electrostatic Disinfection?

Electrostatic is a method of incorporating an electrical charge into a liquid. The benefit of this is that when the liquid is electrically charged, when sprayed the droplets become positively charged, which means they can stick to any type of surface. This is unlike traditional cleaning when often you are just moving the dirt and germs around. Electrostatic disinfection removes them entirely.

Following Coulomb's law, electrostatic attraction between two forces is directly proportional to the magnitude of the charge exerted on it. In other words, electrostatically charging a liquid enables it to adhere when sprayed on surfaces.

Using Electrostatic Spray technology, we spray any water based liquid at a surface, the droplets seek out the object magnetically. They then stick to the surface better than ever before. This unique technology enables us to electrically charge the inside of the droplet instead of attaching it to the outside, maximising the charge.

in simple terms

- when you spray a solution that is correctly electrostatically charged, the solution will envelop the targeted object, allowing even challenging to reach places to be treated.

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What are the benefits?

Hospital-grade cleanliness

We use an antimicrobial cleaner, sanitizer and disinfectant spray which wraps around and evenly coats all types of surfaces for a complete clean.

Destroy viruses and superbugs

Proven to destroy bacteria, viruses and superbugs within 15 minutes of contact - including MRSA, C-diff HCV 9.

A quicker and more comprehensive clean

Reduces the time it takes to cover and disinfect all surfaces and hard-to-reach places by 50% compared to conventional methods. The room will only need to be vacant for an hour.

Prevent reinfection

We use specialist cleaning products that create a residual barrier that fights infection for up to 7 days. Avoid costly financial burdens associated with contagious healthcare infections or a reinfection.

Germ free equipment

Keep heavily trafficked equipment clean and germ-free with electrostatic disinfection. With our touchless application, it will reduce the risk of cross contamination.

Approved and tested

Our product is DEFRA approved so it is safe for use in food environments. It has been rigorously tested at Europe's leading laboratories, fulfils CQC requirements and has no COSHH implications – non-hazardous when diluted.

A cleaner, healthier workplace

Have peace of mind knowing that using the latest in cleaning technology, your place of work is clean and safe. Our product is also odourless, colourless and non-hazardous.

Sanitise difficult to reach areas

Get greater coverage and sanitation of difficult-to-reach areas, including the inside of fans and vents, the underside of desks, and the entirety of any furniture including carpets, upholstery and mattresses.

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Electrostatic Disinfection Equipment

One of the benefits of this fantastic and highly effective cleaning system is the speed and effectiveness it offers in the removal of germs and viruses.

It offers peace of mind to you and your colleagues that your premises are germ-free and safe.



Other features include:

Touchless Application

No need to touch or wipe surfaces - providing a fast and effective application.

Reduces cross contamination

The spray and wipe technique can move bacteria from one surface to another - cross contamination can be reduced due to the touchless effect of this handheld sprayer.

Liquid Adhesion & Coverage

Fully-charged droplets create an even spread which allows the solution to cover the full area, including those hidden or concealed areas. The sprayers are also designed to be able to cover large areas in a short amount of time, making it incredibly cost and time effective.

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Why not just carry out a deep clean?

With a traditional deep clean it is often impossible to reach all the necessary hard-to-reach places, including fans, vents, underneath desks and soft furnishings. However, using our sprayers and electrostatic system we can reach and disinfect everything.

With an electrostatic sprayer, the particles of the chemicals cling on to every surface. So, for example, if you have an office or waiting room with soft furnishings or a nursery with lots of toys, these wouldn't be covered by a deep clean. But with the electrostatic sprayer we just run this over each item and the spray will stick to them and eradicate any germs.

To sanitise and disinfect your premises get in touch now!

To get a quick estimate call **01506 440333**

or email us at info@capitalcleaningservice.co.uk



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