EN

e-spray



professional people

E-Spray: electrostatic hygienization technology

E-Spray is a professional gun sprayer that uses the principle of electrostatic induction to distribute disinfectant solutions effectively and uniformly on surfaces.

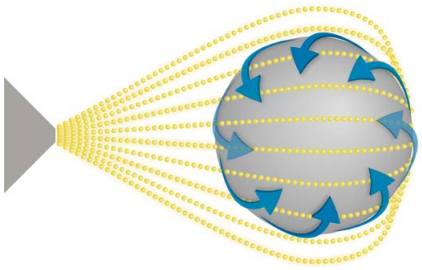
E-Spray is lightweight and very comfortable, powered by a lithium battery that allows you to carry out hygienization for several hours, freely and anywhere, without being tied down by a cable. The solution is sprayed in very small and light drops, which reach every point of the area to be treated and settle effectively. Through the electrostatic charge the drops are attracted by the targeted surface and while laying down, they create a sanitizing coating.

HOW DOES IT WORK?

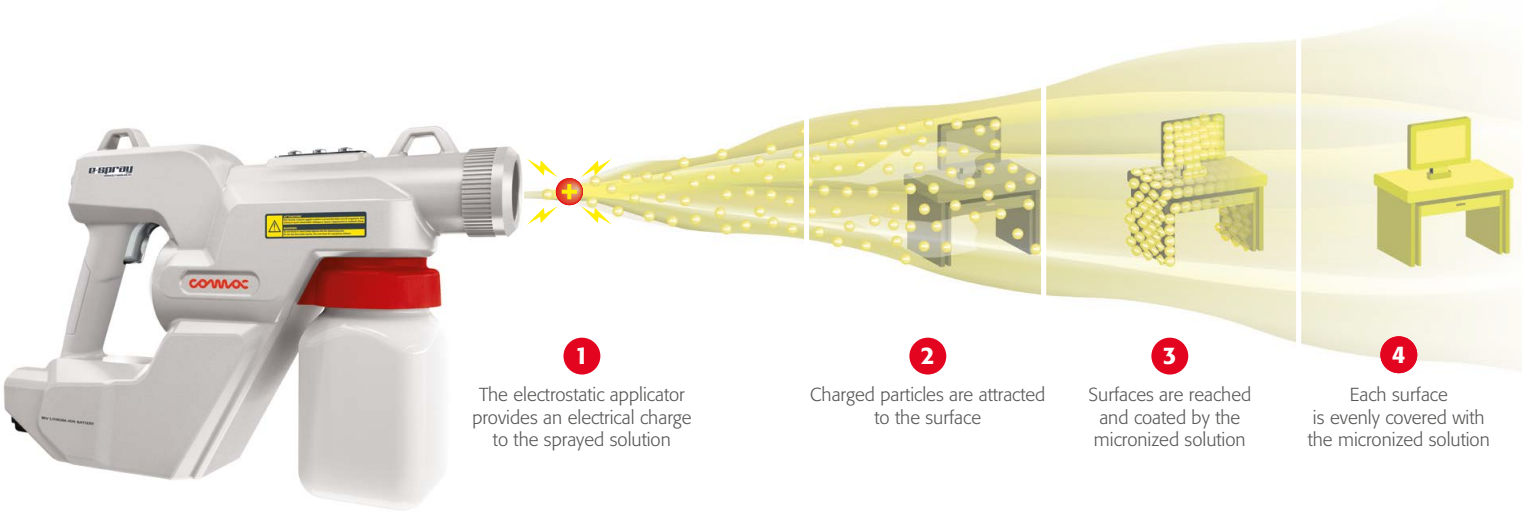
Electrostatic hygienization allows to coat a surface quickly and evenly with a sanitizing solution.
The electrostatic applicator provides an electrical charge to the solution. The charged molecules repel each other, so they keep an even distance from each other but, at the same time, they are attracted to the surface to be treated. The strength of the charged particles is greater than that of gravity, so they are immediately attracted by the surface and do not fall to the ground.
The attraction therefore ensures that all the particles of the solution settle on the surface, thus creating a 360-degree coverage, without leaving out any areas.

WHY DO YOU NEED E-SPRAY?

Germs and bacteria are very quick to spread and settle in tight corners and hidden spots. Disinfecting effectively by hand takes a very long time and requires prohibitive costs. In addition, there are many areas that are difficult to disinfect properly, such as computer keyboards and telephones in offices, or checkouts in supermarkets or shops.
An electrostatically charged spray can reach the entire targeted area evenly, right down to the most hidden points. The cloud of charged particles completely envelops the surface and sanitizes every part of it.



THE STRENGTH OF THE CHARGED PARTICLES IS GREATER THAN THAT OF GRAVITY,
SO THEY ARE IMMEDIATELY ATTRACTED BY THE SURFACE AND DO NOT FALL TO THE GROUND



For effective disinfection follow the instructions given by the manufacturer of the disinfectant liquid used

MODELS

E-Spray
18V

E-Spray in detail



ADVANTAGES

SUITABLE FOR MANY APPLICATIONS

- Several nozzles are available to create drops of different sizes, according to needs and applications
- The small size allows the operator to sanitize also small rooms such as bathrooms or offices

SANITIZATION QUALITY

- The sprayed solution adheres quickly to all surfaces, even curved ones, does not create agglomerated droplets and reaches even hard-to-access areas.
- The solution is evenly distributed over the entire surface, providing a 360-degree coverage which increases the quality of the sanitization.
- The solution is micronized into small particles, which dry quickly and do not wet the surfaces and do not create drips
- Improves the customer experience, reassured by a hygienically treated environment

SANITIZATION TIME

- Quick distribution of the solution guarantee time saving
- Micronization saves sanitizing solution, up to 65%, so that hygienization can be performed for longer time

OPERATING AUTONOMY

- Thanks to lithium batteries, it can sanitize up to 6 hours continuously
- The spare battery doubles operation time

COMFORTABLE

- Lightweight and comfortable to use does not tire the operator who can keep working for several hours

SAFETY

- E-Spray allows you to perform the sanitization activities required by current regulations on safety in the workplace.
- Reduces the risk of cross-contamination between surfaces

IT INCREASES PRODUCTIVITY

- It has a positive impact on absenteeism in the workplace and on the overall healthiness of the facility.

REFERENCE SECTORS

Industrial · Cleaning contractors · Health · Pubblic · Ho.Re.Ca · Weel-being & Sports · Handicraft · Automotive · Retail · Large-scale retailing · Logistic · Transport

RECOMMENDED APPLICATIONS

OFFICE

- Meeting rooms
- Restrooms
- Workstations (desks, chairs)
- Furniture
- Refreshment areas (coffee machines, vending machines, coffee tables)
- Access/exits: handles, grab bars, handrails, elevators
- Counters and furniture in public spaces

WELLNESS

- Equipment
- Locker rooms
- Waiting rooms
- Relax zones
- Treatment rooms

FACTORIES

- Workbenches
- Locker rooms
- Restrooms
- Counters and welcome areas for suppliers/customers

HO.RE.CA.

- Rooms
- Restrooms
- Waiting rooms
- Counters
- Seats
- Furniture

RETAIL (NON-FOOD)

- Customer areas (dressing rooms, treatment rooms, waiting rooms)
- Goods and shelves
- Workstations (cash registers, counters, furniture)
- Restrooms

EDUCATION

- Desks and furniture
- Toys and equipment
- Doors and handles
- Restrooms
- Waiting rooms
- Counters
- Locker rooms
- Classrooms
- Offices and workstations
- Relax zones
- Meeting rooms
- Classroom/ auditorium seats

TRANSPORT

- Passenger seats
- Handles, doors, bars, buttons
- Restrooms
- Luggage drop-off areas
- Overhead lockers and storage areas
- Validating machines
- Meeting rooms
- Classroom/ auditorium seats

CONSTRUCTION SECTOR

- Work vehicle cabins
- Company cars
- Locker rooms
- Restrooms
- Refreshment areas

TECHNICAL DATA		E-Spray
Productivity theoretical	up to sq.m./h	350
Tank with disinfectant	l	1
Nozzle shape		Full cone
Nozzles size	mm	0,3 - 0,4 - 0,5
Tank autonomy	min	22/12/8
Solution pump	W	20
Power supply	V	18 V Li-ion Battery 2000 mAh (Standard) 18 V Li-ion Battery 4000 mAh (Optional)
Battery charger	V	18 V 2000 mA (Standard)
Battery run time	up to h	8
Machine dimensions (Lxhxw)	mm/inch	417x280x95/16,41x11x3,74

** With 4000 mAh battery*

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Organisation certified by Q.C.B. Italia ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007

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