

eSPRAY
Complete coverage

Disinfectant Electrostatic Sprayer



*Fighting against
COVID-19*



Clean is not Pathogen Free!



*Electrostatic ensures efficient disinfection
chemical spray*

www.espray.in

Innovative

Technology

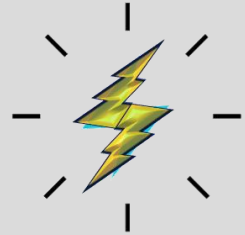
Like charge repel

→ *more uniformity*

Opposite charge attract


→ *more efficient*

Disinfected chemical particles are negatively charged and the grounded objects acquires opposite charge from neutral ground

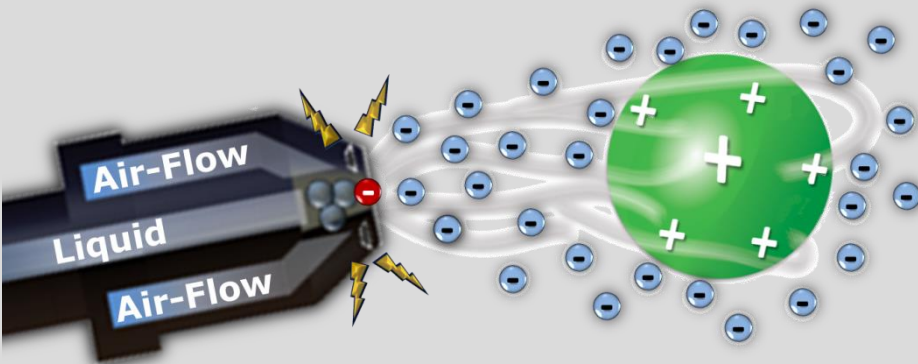


1

2

 *eSPRAY nozzle atomizes the disinfectant chemical & induces negative electric charge to micro droplets*

Electrically charged droplets are carried towards objects against gravity force



3

Since the surface is naturally grounded, taking opposite-positive charge, the negative droplets are magnetically attracted to and uniformly coated with solution

We get you



Complete coverage

*Improved Disinfection Outcomes with
eSPRAY Technology*

Ultraviolet light → reveals coverage below



Trigger Sprayer
Limited Coverage

Pump Sprayer
Limited Coverage

Cordless Sprayer
Limited Coverage

**eSPRAY
Electrostatic Sprayer**
360° Uniform Coverage

**Conventional
Sprayer**

- # Limited and poor coverage
- # Unable to reach hidden or back side, Chemical run off easily

V/S

**eSPRAY
Electrostatic Sprayer**

- # 360° coverage even in hidden areas
- # Chemical adheres to surface

Advantage

Droplet size matters

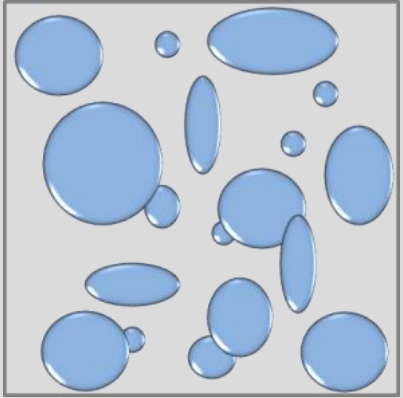
eSPRAY delivers 30-micron size of droplets

V/S

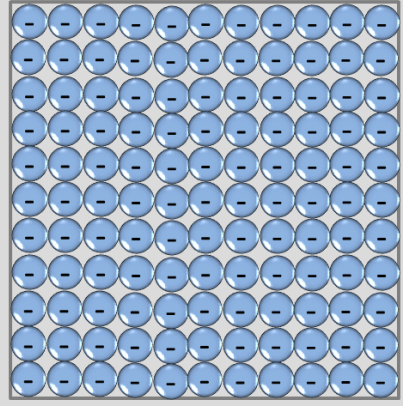
**Conventional
Sprayer**

**eSPRAY
Electrostatic Sprayer**

droplet size more than 250 μ



droplet size \approx 30 μ



- # Bigger and uneven droplet size
- # Poor coverage
- # Off-target Losses
- # Coalescing to form even larger droplets leading to run off
- # Low accuracy
- # Less efficient

- # Evenly sized chemical droplets carrying negative charge
- # Equally spaced same charge droplets repel each other
- # Uniform superior coverage
- # Target specific
- # High accuracy

Benefits

Uniform coverage highly effective in killing pathogens

Better coverage

Reduces cost

Uses 65% less chemical than conventional sprayer

Electrically charged droplet coat across 360°

Reaches hidden areas

Reduces time

Treat up to 20,000 square feet per hour

Fastest way to Disinfect
Square feet disinfected in one hour

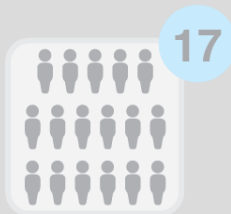
≈ 3000 sq.ft/hr
conventional sprayer



≈ 20,000 sq.ft/hr
eSPRAY

Easiest way to Disinfect
People needed to disinfect 20,000 square feet in one hour

Conventional sprayer



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1

eSPRAY

Application

Areas

Schools



Hospitals



Food safety



Public transport



Emergency vehicle



Facility Management



Fitness club



Dental Office



Product

Specification

Model: Cart 8

*eSPRAY Air-Assisted Electrostatic Sprayer is 60 - 65% more efficient
Compared to traditional application methods including wiping*

Flow rate:	60 to 80 ml /min
Spray range:	Up to 8 feet
Nozzle:	Conical shape type
Particle size:	30 to 40 micron
Battery:	9V rechargeable DC for electrostatic spray gun
Battery usage:	4-5 Hours
Metal cart:	Lightweight & portable
Liquid tank:	4 liters (Detachable for easy wash & clean)
Electrical:	220/230VAC, 50/60Hz
Air & liquid hose:	4 meter long
Power cord:	20 ft. long
Dimension: (L*W*H)	21" x 12.4" x 16" (without detachable handle) 21" x 12.4" x 35" (with detachable handle)
Weight:	≈ 22 - 26 Kg



We value

Our clients



सत्यमेव जयते
Department of Sciences
& Technology
Government of India



सत्यमेव जयते
Government Of India



First Ever
Made in India
Disinfection Spraying
System with Electrostatic

LEADING  THE CHANGE
IN INFECTION PREVENTION

We Pledge to #ProtectIndiafromCorona

***Don't just control infections!
- Prevent them***

Contact us

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Brand – eSPRAY

Dashmesh Industries

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