Jereh C-Create Electrostatic Disinfectant Sprayers
Electrostatic Disinfection Shields

You from Virus

- Electrostatic droplets
- Strong adhesion
- Ultra-low volume
- Super-long endurance

Full Coverage Zero Deadzones

Efficient Disinfection

360°
Wrap the target fully for complete disinfection

40 μm
Fine and uniform droplets maximize disinfection effect

60 dB
Less noise than conventional counterparts

50%
Disinfectant saved by over 50%

Flexible
Long endurance on a single charge
Electrostatic Spraying
A Revolutionary Technology for Disinfection Applications

During the spraying process, the electrostatically-charged droplets create an electric field that allows the droplets to adhere to the surface of any object within a certain distance, under the effect of electrostatic force. The gravitational force of the electrostatic field is 75 times that of the gravity, so the droplets will even reverse direction to cover the back of target, including those hidden, hard-to-reach areas ignored by traditional counterparts.

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Large Capacity or High Flexibility?
You can have it both!
The right equipment gets disinfection done with less time and labor consumed.

A Mobile Disinfection System

Capable of continuously disinfecting a high-speed train by one operator at a time

- 20 L storage capacity.
- Run continuously for 1.5 - 3 hours on a single charge.

Cordless and flexible
- Lithium battery delivers long endurance.
- Operation is not limited by external power source.
- Trolley-design enables higher flexibility and more convenience.
An Elevator-Containable Electric Disinfection Vehicle

Capable of disinfecting an area of up to 30,000 m² by one operator at a time

- 80 L storage capacity.
- Effective spraying width of 8 m.
- Run continuously for 15 hours on a single charge.

Labor-saving, convenient and efficient

- Lithium battery delivers long endurance.
- Operation is not limited by external power source.
- Electrically-powered, elevator containable.

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A Backpack Ready to Go

Ultra-low volume, 1 L equals 10 L
- Save water and disinfectant, reduce disinfectant-adding frequency.

Not limited by external power source
- Lithium battery delivers long endurance.
- Backpack design is convenient for operation and control.
A Wheeled Disinfection Case

Ultra-low volume, 1 L equals 10 L

- Effective spraying width of 2.5 m.

Cordless and flexible

- Run continuously for 80 minutes on a single charge.
- High mobility with wheeled case and a pull lever.
Invisible Mist Evenly Coated on Surface Enhancing Disinfection Performance

40 μm diameter droplets, ultra-low volume, even adherence

Charged droplets overcome surface tension and break up into smaller ones.

High pressure air flow breaks disinfectant into small and even droplets.

Double atomization channels to break droplets

Tips:
The disinfection effect is closely related to the droplet size and uniformity. If the droplets are too large in size, the spray mist will be uneven and the droplets settling speed will be too fast to completely contact with microorganisms and dust, leading to insufficient air disinfection. With electrostatic spray, the charged droplets can wrap the target surface in 360° and capture suspended particles in the air, thereby achieving efficient and thorough disinfection effect.
Doubled Efficiency Delivers Long-Time Protection

- Electrostatic force is 75 times of gravity
- Strong adherence prevents disinfectant loss
- Particles and germs in the air are fully captured and killed

Low Noise Makes it an Ideal Choice for Schools and Hospitals

- Low noise motor and fan
- 60 dB during operation, lower than conventional atomization equipment (85 dB)
- Disinfection can be carried out either at day or night

Tips:

A noise level of 30 - 40 dB is relatively quiet. 50 dB or higher will affect sleep and rest. Due to inadequate rest, fatigue cannot be eliminated and normal physiological functions will be affected to some extent. Any sounds of 70 dB or higher will interfere with conversations, cause upset and distracted minds and affect efficiency, even leading to accidents. Long-time working or living in an environment with 90 dB or above can seriously affect hearing and cause diseases.
Applications

Large public places such as airports and malls.


Indoor space such as theatres and cinemas.

Catering places such as restaurants and cafes.
Applications

Transports such as bullet trains, taxies and buses.

Education and training organizations such as schools and kindergartens.

Parameters

<table>
<thead>
<tr>
<th>Description</th>
<th>Electrostatic Disinfection Vehicle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>JES-DV330</td>
</tr>
<tr>
<td>Nozzle Qty.</td>
<td>10</td>
</tr>
<tr>
<td>Spray Distance</td>
<td>&gt; 3.5 m (operating width &gt; 8 m)</td>
</tr>
<tr>
<td>Rate</td>
<td>13 - 18 L/min</td>
</tr>
<tr>
<td>Droplet Dia.</td>
<td>40 μm</td>
</tr>
<tr>
<td>Power</td>
<td>48 V Lithium battery</td>
</tr>
<tr>
<td>Dimensions</td>
<td>2,100 * 900 * 1810 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>700 kg (with battery, disinfectant not included)</td>
</tr>
<tr>
<td>Storage Capacity</td>
<td>80 L</td>
</tr>
<tr>
<td>Operation Endurance</td>
<td>90 min</td>
</tr>
<tr>
<td>Vehicle Endurance</td>
<td>&gt; 360 min</td>
</tr>
<tr>
<td>Min. Turning Radius</td>
<td>3.5 m</td>
</tr>
<tr>
<td>Disinfection Area on a Full Tank</td>
<td>19,200 - 26,880 m²</td>
</tr>
<tr>
<td>Working Time on a Full Tank</td>
<td>40 min</td>
</tr>
<tr>
<td>Disinfection Area on a Single Charge</td>
<td>43,200 - 60,000 m²</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Mobile Electrostatic Disinfection Station</th>
<th>Backpack Electrostatic Sprayer</th>
<th>Electrostatic Disinfection Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>JES-DS30</td>
<td>JES-BP18</td>
<td>JES-SC30</td>
</tr>
<tr>
<td>Spray Distance</td>
<td>&gt; 2.5 m</td>
<td>&gt; 15 m</td>
<td>&gt; 2.5 m</td>
</tr>
<tr>
<td>Rate</td>
<td>100 - 150 ml/min</td>
<td>60 - 100 ml/min</td>
<td>100 - 150 ml/min</td>
</tr>
<tr>
<td>Droplet Dia.</td>
<td>40 μm</td>
<td>40 μm</td>
<td>40 μm</td>
</tr>
<tr>
<td>Power</td>
<td>24 V Lithium battery</td>
<td>24 V Lithium battery</td>
<td>24 V Lithium battery</td>
</tr>
<tr>
<td>Dimensions</td>
<td>830 * 320 * 900 mm</td>
<td>380 * 230 * 480 mm</td>
<td>470 * 300 * 700 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>36 kg (without battery, disinfectant not included)</td>
<td>10 kg (without battery, disinfectant not included)</td>
<td>19 kg (without battery, disinfectant not included)</td>
</tr>
<tr>
<td>Storage Capacity</td>
<td>20 L</td>
<td>1 L</td>
<td>5 L</td>
</tr>
<tr>
<td>Endurance</td>
<td>150 min</td>
<td>180 min</td>
<td>80 min</td>
</tr>
<tr>
<td>Disinfection Area on a Full Tank</td>
<td>13,300 - 20,000 m²</td>
<td>600 - 1000 m²</td>
<td>3,300 - 5,000 m²</td>
</tr>
<tr>
<td>Working Time on a Full Tank</td>
<td>133 - 200 min</td>
<td>10 - 16 min</td>
<td>33 - 50 min</td>
</tr>
<tr>
<td>Disinfection Area on a Single Charge</td>
<td>15,000 m²</td>
<td>7,000 - 10,000 m²</td>
<td>8,000 m²</td>
</tr>
</tbody>
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