



**EPIX360™ Electrostatic Sprayer**  
**User Guide**

**Ver. 042520**

Thank you for choosing the EMist EPIX360™ Electrostatic Sprayer.

We've created an easy-to-use system that combines advanced liquid application technologies with improved mobility. The result is superior application and enhanced disinfection, as well as a convenient design for users.

We recommend you read through this entire instruction manual before beginning.

Included are assembly, operating, and safety instructions. Following these manufacturer guidelines will help the system perform at peak effectiveness, extend the life of the product, and ensure operator safety.

## Questions?

Each component has been inspected prior to your purchase. However, in the event that there is a problem, please contact our customer support center at [Emist.com](http://Emist.com).



### EPIX360™ Electrostatic Sprayer User Guide

# 1. General Precautions & Safety Warnings

The EMist EPIX360™ electrostatic sprayer is a battery-powered liquid spray system designed to improve the performance of water soluble or water based solutions used on touchable and other exposed surfaces. This is accomplished by applying an electrostatic charge to the surface of the liquid droplets as they leave the spray head. This unique process improves liquid adhesion to targeted surfaces.

The hazards associated with the liquids you choose to apply represent their own unique and important safety requirements. Refer to each chemical manufacturer's documentation to establish best use steps and any need for personal protective equipment (PPE).

Never point the spray applicator at another person and never touch or handle the charging area within the applicator (front end) during spraying. This will help avoid chemical splash and other possibly unsafe spraying conditions.

**DO NOT USE LIQUIDS THAT ARE NOT WATER SOLUBLE OR WATER BASED WITHIN THE SPRAYER. HIGH ALCOHOL CONTENT LIQUIDS MUST NEVER BE SPRAYED NEAR AN OPEN FLAME OR OTHER POSSIBLE IGNITION SOURCES.**

## Safety Notes:

Users are required to read this User Guide, understand the safe and correct operating procedures that pertain to the operation of the sprayer, and maintain the product according to the User Guide. It is the operator's responsibility to ensure that any person who uses this equipment has read this guide.

Lack of attention to safety can result in reduced efficiency, accident(s), or personal injury. Use the following safety precautions as a guide when using this machine:

- Read the User Guide thoroughly. Failure to read the guide is considered misuse of the equipment.
- Use the sprayer only for its intended use as directed in this guide.
- Familiarize yourself with all components, including caution and warning labels.
- Only trained and qualified personnel should operate the sprayer.
- Do not use the equipment while under the influence of drugs or alcohol.
- Remove the battery when leaving the equipment unattended.
- Store the system in a cool, dry place. Do not expose to extreme temperatures.
- Flush the system before storing.



## Safety Warning:

Do not use the electrostatic sprayer if you have a pacemaker or an Implantable Cardioverter Defibrillator (ICD) or stand within 10 feet if you use such devices, as this product contains an electrostatic device that may interfere with these type of devices. Contact your physician prior to operation if you are unsure if this system will interfere with your implant.

## Electrical Warning

To reduce the risk of electrical shock or injury, follow these guidelines:

- Do not place body parts or any foreign object into any opening of the sprayer.
- Never reach inside of the sprayer while the system is powered on.
- Never place equipment in standing water or liquid.
- Never operate the sprayer if it has been damaged or if it is not working properly.

## 2. Initial Inspection & Set Up - Inventory

### Items Included:

1. Electrostatic Sprayer
2. Tank
3. Tank Liners (qty. 5)
4. Tank Cap Assembly
5. Tank Cap Cover
6. 14.4v Battery
7. 14.4v Battery Charger

### Accessories & Parts Sold Separately:

- |             |                      |
|-------------|----------------------|
| FG.2009 -   | Battery              |
| FG.2010 -   | Battery Charger (US) |
| FG. 2014 -  | Battery Charger (EU) |
| FG.2011 -   | Tank                 |
| FG.2012 -   | Tank Liners (qty. 5) |
| SA.2011.1 - | Tank Cap Assembly    |
| MD.03.053 - | Tank Cap Cover       |
| MD.03.049 - | Nozzle Tip           |



Storage Case with Sprayer and Accessories

## 3. Assembly & Operating Instructions

After unpacking, inspect components for any damage or missing hardware pieces, etc. The following should be included in your bundle package:

1. Electrostatic Sprayer
2. 8 oz Liquid Tank
3. 8 oz Liquid Tank Liners (qty. 5)
4. Tank Cap Assembly
5. Tank Cap Cover
6. Rechargeable Battery
7. Battery Charger

### Initial Set Up

#### Charge the Battery First:

1. Plug cord into the wall outlet.
2. Install battery into charger.
3. Reference power indicator (3 bars = full charge).



Assembled Unit

# 4. Spray Application

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## Spray Application Process

1. Begin at the farthest point from the doorway, work toward the doorway so you can step out when application is complete.
2. Aim the electrostatic sprayer 36" to 48" from the surface target area, begin with a smooth figure "S" movement aiming below, at, and above the surface target area while walking at an average pace continuously moving.
3. Make sure you are working in a methodical "S" pattern and let your passes overlap when moving to the next surface target area.
4. Allow treated area to set for contact time as recommended by the chemical manufacturer's label before re-entry into the area.

**TIP: IF THE APPLICATOR BECOMES WET OR BEGINS TO DRIP, YOU ARE MOVING TOO SLOW OVER THE SURFACE TARGET AREA AND NEED TO SPEED UP THE APPLICATION PROCESS. DO NOT OVER-SATURATE THE SURFACE. IF YOU SEE RUNS OR PUDDLES, YOU ARE APPLYING TOO MUCH CHEMICAL. THE GOAL IS TO ACHIEVE EVEN COVERAGE OVER THE TARGET SURFACE AREA.**

## Fluid Management

The sprayer is designed for single or multiple application environments. Please use the multiple tank applications carefully by marking tanks with your chemical identifiers when necessary.

### Tips:

- Stay in motion. Electrostatically charged droplets will accumulate in higher levels at the tip of the applicator if you move too slowly while the device is in use.
- Do not over apply. The tendency to "paint the fence" is an over usage of chemical.
- In between chemical changes, press the trigger while pointing to the floor or other safe target area for four to five seconds to clear the remaining chemical in the system.

### Special note:

**Always mark and save one tank liner exclusively for clean water. This will be used to flush the system at the end of daily use or when flushing the system between switching to different chemicals for use in disinfecting.**

## Battery Management

- Fully charge each battery before use.
- Always keep connectors clean and dry.
- Do not expose batteries to standing liquid or excessive heat.
- Only charge battery packs with an EMist charger.

# 5. Maintenance & Cleaning

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## Flushing the Electrostatic Sprayer

**TIP: DO NOT STORE CHEMICALS IN THE RESERVOIR WHILE THE SYSTEM IS NOT IN USE FOR GREATER THAN A 24-HOUR PERIOD.**

The sprayer is designed to require minimal maintenance and cleaning.

### Tips:

- Clear the system at least once a day by spraying clean water through the sprayer for at least 10-15 seconds. Use the tank liner marked for clean water. This tank liner should be stored with the sprayer's accessories and equipment and should be rinsed after each use.
- Keep batteries fully charged.

## Changing Chemicals

**TIP: IT'S IMPORTANT TO FLUSH THE SYSTEM IN BETWEEN USE OR WHEN SWITCHING CHEMICALS TO PREVENT RESIDUAL BUILD UP AND TO AVOID MIXING CHEMICALS.**

### Tips:

- To flush the system, fill the tank liner marked for clean water with water.
- Spray for at least 10-15 seconds to flush the previous fluid from the system.
- When finished, rinse the clean water tank liner and properly store it with the sprayer's accessories and equipment. Do not discard unless damaged or aged from use.

**CAUTION: TO PREVENT CROSS CONTAMINATION OF CHEMICALS, YOU MUST PERFORM A FLUSH ANY TIME YOU CHANGE THE TYPE OF CHEMICALS BEING USED.**

## Storage

### Tips:

- Empty fluid or run until empty.
- Remove batteries and re-charge by placing on the charger.
- Wipe down exterior with water or alcohol for removing dirt and soil.

**CAUTION: DO NOT STORE THE SPRAYER IN AN AREA THAT MAY FREEZE (TO AVOID DAMAGE FROM LIQUID REMAINING IN THE SYSTEM AND LINES). THIS WILL VOID THE WARRANTY.**

## Battery Removal

### Tips:

- Place batteries into charger to fully charge for next usage. Each battery takes approximately 45 minutes to fully charge.



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