

TruElectrostatic™ Disinfectant Sprayer with EPIX Charge Detect™ Technology



INTRODUCING
EMist® EX-7000

TruElectrostatics for TruDisinfection™.
Safer environments,
healthier spaces, healthier people.



INTRODUCING EMist® EX-7000

The only intelligent electrostatic disinfectant sprayer that make spaces healthier.

If you're doing work professionally and looking for the best lightweight electrostatic backpack sprayer, the EX-7000 is the tool you've been waiting for. The unit is compact and is the best option to ensure even application, increased coverage, and reduced chemical and labor costs.

Lightweight at just 8.1 pounds bare and only 14.9 pounds fully loaded, the EX-7000 is 51% lighter than other systems, cordless, and easy to operate. It's the most compact high-performance electrostatic backpack sprayer you can get your hands on. The EX-7000 goes where you want to go comfortably, quietly, and quickly.

A complete system includes backpack, tank, sprayer, harness, two batteries, charger, robust training toolkit, 1-year warranty and protected MAP pricing.



51%
LIGHTER THAN
OTHER SPRAYERS



USES ANY WATER-SOLUBLE CHEMICAL

44,300 sq.ft.
HIGH-TOUCH POINT
COVERAGE

**EPIX Charge
Detect™**

GROUNDING
NOT REQUIRED

50%
DECREASED LABOR
& CHEMICAL COSTS



CORDLESS
INCREASES MOBILITY

PRODUCT SPECS

Model Number	EX70BPBD01	Spray Distance	24-36"
TruElectrostatic™	Yes	Dimensions	18.5" X 9.5" X 6.25"
Weight (loaded)	14.9 lbs (6.8 KG)	Chemicals	Any water-soluble
Weight (empty)	8.1 lbs (3.7 KG)	Battery(s)	14.4 V Lithium Ion (2)
Weight (shipping)	15.8 lbs (7.2 KG)	Charger	14.4 V
High-touch Coverage	44,300 high-touch sq.ft.	Battery Life	2 hours continuous
Tank Capacity	0.82 Gal / 3.1 Liters	Warranty	1-Year
Cordless	Yes	Complete System	Backpack, Tank, Sprayer, Harness, 2 Batteries,
Polarity	Bipolar (+ and -)	Includes	Charger, Training Toolkit and 1-Year Warranty
Grounding	Not required	Certification Course	Available - Health-e Online 5-Module Course
Droplet Size	75 microns		





1 TruTechnology: EPIX Charge Detect Technology

The electrostatic sprayer continuously detects the polarity of the user and the equipment and adjusts automatically so that grounding is never an issue. The discharged droplets wrap around surfaces. This wraparound effect creates an even, consistent and comprehensive coverage of chemical, reduces chemical use, and provides superior results.

3 TruCharge: Best Performance

Electrostatic sprayer polarity matters. Most environmental surfaces have a negative or neutral charge (the earth itself is negative). Per the EPA, electrostatic sprayers should impart a positive charge so that the positively charged disinfectant droplets are attracted to targeted negative or neutral surfaces. Positively charged droplets increase droplet adhesion and wrap reducing chemical and labor costs.

5 TruAssurance: User Safety

Per the EPA, median droplet size should be greater than 40 microns. Droplets must be large enough to resist evaporation and drift but small enough that the droplets can change their trajectory when it comes close to a target. Most sprayers produce droplets of < 40 microns making them highly drift-prone and increasing user inhalation concerns. EMist droplet size is 75 microns.

2 TruConfidence: Patented. Proven. Trusted.

When you're dealing with deadly pathogens, you want to make sure that the company you're buying equipment from is reputable, experienced, and trusted. EMist systems are patented, used during the 2014 Ebola crisis, and developed by electrostatic industry veteran Mike Sides, who frequently works with the DOD, Naval Entomology Center of Excellence, USDA, and WHO.

4 TruDesign: Safer Operation

When spraying big areas, big buildings, or tight spaces, a cordless sprayer allows you to maneuver and move about freely. EMist sprayers are ergonomic, lightweight, and cordless. That means you can take the sprayer to where the work needs to be done rather than relying on wall outlets at the work site. Portability is a clear advantage for any user who needs to go where the work is to get the job done right.

6 TruCost: Lower Total Cost of Ownership

Based on the need to disinfect large areas, manual application of disinfectants is a thing of the past. Electrostatic application is the new normal. Customers who use our systems typically see 25% to 45% labor savings and 35% to 50% chemical savings. Competitively priced, advanced and patented electrostatic technology, and proven performance provide an overall lower total cost of ownership.

PRODUCT DETAILS



SYSTEM INCLUDES

- Backpack
- Tank
- Sprayer
- Harness
- 2 Batteries
- Charger
- Training Toolkit
- 1-Year Warranty
- Protected MAP Pricing





SMALL SIZE BIG PERFORMANCE

Disinfectant is first atomized, passes through an electrostatic-induction nozzle, charged using a bipolar power supply, and then discharged toward the target area. The bipolar supply causes the electrical charges to be alternatively redistributed, resulting in droplets having an excess of either positive or negative charges. These charged droplets are so attracted to the targeted area that they coat the sides, edges, and backside of surfaces. **Scan to learn more.**



ELECTROSTATIC SPRAYER COMPARISON



PRODUCT DETAILS

	EMist EX-7000	Victory: Cordless Backpack	Clorox: Total 360	EISolutions: Backpack Electrostatic Sprayer	Ryobi: One+ Backpack Chemical Sprayer
TANK SIZE	.82 gallons	2.5 gallons	1 gallon	4 gallons	1 gallon
HIGH-TOUCH POINT SQUARE FEET (Coverage per tank)	44,300	23,000	18,000	20,250	Not indicated
WEIGHT (Loaded)	14.9 lbs	29 lbs	59 lbs	44 lbs	16 lbs
COMMERCIAL WARRANTY	1 year from delivery	1 year from delivery	1 year from delivery	1 year from delivery	Voided if used commercially
TRUELECTROSTATICS™	✓	✗	✗	✗	✗
REGISTERED MAP POLICY	✓	✗	✗	✗	✗
MANUFACTURING LOCATION	USA	China	USA	China	China
US PATENT	✓	✓	✓	✗	✗
DUAL PROPULSION	✓	✗	✗	✗	✗
GROUNDING (Grounding not required)	✓	✗	✗	✗	✗
DROPLET SIZE	75	40, 80, 110	40	As small as 40 microns	Not indicated
POLARITY	Bipolar positive	Positive	Negative	Negative	Not indicated
CHARGE DETECT™ TECHNOLOGY	✓	✗	✗	✗	✗
COMPATIBILITY	Any water soluble	Water soluble	Clorox products only	Any chemical	Not indicated
OWNERSHIP OF MANUFACTURING	✓	✗	Licensed	✗	✗
CORDLESS	✓	✓	✗	✓	✓
LOWER TOTAL COST OF OWNERSHIP	✓	✗	✗	✗	✗

To learn more, email Rebecca Vaughn at rebecca.vaughn@emist.com or call 817.854.8490.