

TruElectrostatic™ Disinfectant Sprayer with EPIX Charge Detect™ Technology



EMist® EX7000

For safer environments,
healthier spaces, healthier people.

If you're doing work professionally and looking for the best lightweight electrostatic backpack sprayer, the EX7000 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 EX7000 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 EX7000 goes where you want to go comfortably, quietly, and quickly.

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

TruElectrostatics. TruDisinfection™. Intelligent Electrostatic Sprayers.



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 76 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.

SYSTEM INCLUDES



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

The EX7000 is built around our proprietary EPIX Charge Detect™ Technology. Built to work, this electrostatic sprayer is powerful, durable, and provides breakthrough application performance - more coverage, less waste, and better results. Simply fill the tank with any water-soluble chemical, pull the trigger and the EX7000 lays down an even, uniform and wraparound layer of your preferred disinfectant up to 44,300 high-touch point square feet.

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	Chemicals	Any water-soluble
TruElectrostatic™	Yes	Spray Distance	24-36"
High-touch Coverage	44,300 high-touch point sq.ft.	Cordless	Yes
Dimensions	18.5" X 9.5" X 6.25"	Polarity	Bipolar (+ and -)
Weight (loaded)	14.9 lbs (6.8 KG)	Grounding	Not required
Weight (empty)	8.1 lbs (3.7 KG)	Power Supply	120V
Weight (shipping)	15.8 lbs (7.2 KG)	Battery(s)	14.4V Lithium Ion (2)
Nozzle	DHL.LARGE	Charger	14.4V
Airflow Velocity	1742 FPM, 31.9 KPH	Battery Life	2 hours continuous
Spray Pressure	75 PSI, 517.11 KPA	Warranty	1-Year
Flow Rate	1.011 GPH, 3.827 LPH	Complete System Includes	Backpack, Tank, Sprayer, Harness, 2 Batteries, Charger, Training Toolkit and 1-Year Warranty
Droplet Size	76 microns		
Tank Capacity	0.82 Gal / 3.1 Liters		

