

HAND-HELD ELECTROSTATIC SPRAYER #4131

Professional, Cordless Electrostatic Sprayer



Features:

- Patented electrostatic charge penetrates chemical providing a thin, even spray pattern on all surfaces
- Adjustable 3-N-1 nozzle allows you to set the spray particle size to match your application
- Double charge technology for maximum coverage
- Ergonomic handle with lock for comfort and safety
- Long-lasting battery – 4 hour run time
- Glass-filled housing for increased durability
- 33.8 ounce, easy fill tank
- Comes in a heavy-duty kit box
- LED headlight for better visibility
- Weighs 3.8 pounds empty and 5.9 pounds full
- Optimum spray range is 2-3 feet
- 16.8 V lithium-ion battery
- Cordless convenience allows for freedom of movement from room to room
- Charge time is 90 minutes

Description:

This ELECTROSTATIC SPRAYER provides many unique characteristics that cannot be found on other sprayers. It double charges the solution it is spraying. The product is charged when it enters the tank and again when it is sprayed. As the fully-charged droplets hit the surface, they create an even spread. When you spray something that has a negative or neutral charge, the product sprayed will not only cling to what you spray, it will wrap around it, fully encasing it. Particles hold their cationic charge for approximately 2-3 seconds, preventing drips. This allows the solution to cover hidden and shadowed areas. This SPRAYER allows for better coverage in less time. Because of the even spray, 70% less chemical is required to clean an area. It also provides more complete and consistent coverage than traditional sprayers.

The special battery used with this sprayer fully charges in under 90 minutes and has a run time of four hours while similar batteries have a four-hour charge time and a run time of two hours. If you purchase a backup battery, you will be able to run the sprayer for a full 8 hours.

Product Specifications:

	Nozzle Setting 1	Nozzle Setting 2	Nozzle Setting 3
Nozzle Shape:	Full cone	Full cone	120° fan
Particle Size:	40 microns	80 microns	110 microns
Dwell Time:	*5 minutes	*10 minute	*15-20 minute
Flow Rate:	3.1 oz./minute	3.8 oz./minute	10.5 oz./minute
Run Time per Tank:	11.3 minutes	9.3 minutes	3.33 minutes
Coverage per Tank*:	2,800 sq. ft.	2,550 sq. ft.	1,700,100 sq. ft.
Tanks per Charge:	21.2	25.8	72.1

***Always use PPE of the product you are working with.*

**Dwell time is dependent on the environment at the time of application. High humidity will result in longer dwell time and dry conditions will result in shorter dwell times.*

Operating Instructions:

1. To start the use of the ELECTROSTATIC SPRAYER first charge your battery by inserting the 16.8 volt battery into the charger and plugging the charger into a wall socket.
2. Next fill the tank (1.0) by first removing it from the unit by rotating the tank-locking collar (1.2) and pulling the tank release ring (1.1). The tank can now be removed. Note: you must hold on to the tank when you pull the tank release ring or the tank will fall to the floor.
3. Fill the tank with the desired liquid.
4. Insert the tank into the sprayer and rotate the tank-locking collar (1.2) until you hear the click of the tank release ring (1.1) snap into place.
5. Insert the charged battery into the battery socket and lock in place.
6. Pull the trigger and spray on your desired surface.

To insure maximized electrostatic performance always keep you hand firmly wrapped around the handle in contact with the grounding strap.

NOTE: Not for use with petroleum products.

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Main Components:

ITEMS INCLUDED	
1	Sprayer
1	Tank
1	16.8 volt battery – 3,400 mAh
1	16.8 volt charger
1	Nozzle wrench
1	Tank cap
PRODUCT COMPONENTS	
1.0	Tank
1.1	Tank release
1.2	Tank locking collar
1.3	16.8 volt batter
1.4	Unit on/off
1.5	Lock off switch
1.6	Electrostatic charge on/off
1.7	3-N-1 nozzle
1.8	Headlight
1.9	Grounding strap



Important Safety Precautions:

WARNING: It is the operator's responsibility to read and understand the cautions and warnings in this manual before attempting to operate this machine.

WARNING: When using electric appliances, basic precautions should always be followed, including the following:

- Read all the instructions before using the appliance.
- To reduce the risk of injury, close supervision is necessary when an appliance is used near children.
- Do not contact moving parts.
- Only use attachments recommended or sold by the manufacturer.
- To reduce the risk of electrical shock, do not put electrode in water or other liquid. Do not place or store appliance where it can fall or be pulled into a tub or sink.
- Use only the charger supplied by the manufacturer to recharge.
- This machine contains an electrostatic device that may interfere with sensitive medical devices such as pacemakers, defibrillators, or similar devices. **DO NOT** operate this machine or stand within 10 feet if you use such medical devices. Contact your physician prior to operation if you are unsure if this machine will interfere with your medical device.

ELECTRICAL SAFETY:

- **CAUTION:** To avoid electrical shock do not touch or insert any foreign objects into the nozzle.
- A cordless sprayer with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- Use battery operated sprayer only with the specifically designated battery pack. Use of any other batteries may create a risk of fire.

DO NOT USE THIS CORDLESS SPRAYER TO APPLY FLAMMABLE LIQUIDS.

- Do not use oil base liquids.
- Store formulation in its original labeled container.
- Ensure that formulation is applied only in strict compliance with the formulation label as well as local, state and federal regulations.
- Do not use oil-base or flammable formulations with this machine.