



S-1 MKII

Electrostatic Handheld Sprayer



Operation Manual

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WARNING

Please read and understand the cautions and warnings in this manual before attempting to operate this machine.

Important

The Electrostatic Sprayer has been designed and engineered to be very safe during normal operation. As with all cordless products certain safety precautions should be taken

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Please read the following **WARNINGS** before operating the machine.

Understand these safety precautions before operating machine. Failure to properly follow these precautions may lead to a fire, explosion or electrical shock hazard.

Important Safety Instructions

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 touch moving parts.
- Only use attachments recommended or sold by the manufacturer.
- To reduce the risk of electrical shock, do not immerse the nozzle in water or other liquid
- Do not place or store appliance where it can fall or be pulled into water.
- Use only the charger supplied by the manufacturer to recharge.

Save these instructions.



WARNING

Do not touch or block the nozzle as this may cause your sprayer to malfunction and cause serious damage. Should you experience any user issues please contact an authorised technician.



WARNING

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.



WARNING

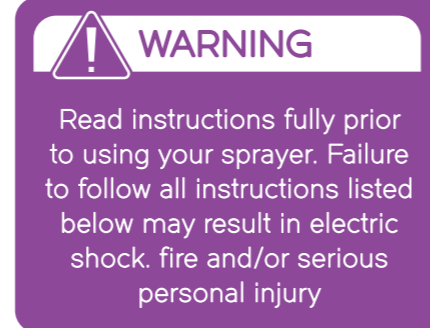
Always have the machine serviced by a professional, qualified technician. Never attempt to service the machine or access its internal components.

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Please Retain These Instructions

General Guidance

- Keep your work area clean and well lit.
- Do not operate cordless sprayer in explosive atmospheres Use of the sprayer in close proximity to flammable liquids, gases or dust may result in a fire or explosion.
- Do not use the sprayer in close proximity to other personnel.
- Your personal safety is paramount remain attentive at all times.



Electrical Guidance

- **CAUTION:** To avoid electrical shock do not touch or insert any foreign objects into the nozzle.
- The sprayers removable battery pack must only be recharged with the specified charger supplied with the sprayer.
- Alternative battery chargers may create a risk of fire if used to charge your battery.
- Do not connect the sprayer to alternative power sources, doing so may result in fire.

Personal Guidance

- Your personal safety is paramount, remain attentive at all times. Do not use cordless sprayer while tired or under the influence of drugs, alcohol, or medication.
- Never spray directly at yourself or any other person, doing so may result in injury.
- Ensure the device is switched off before inserting the battery.
- Always use the correct safety equipment Always comply with any legal requirements for protective clothing, goggles, gloves, facial masks or respirators as required.

Formulations

Most water based chemicals are suited for machine but prior consultation with an authorised technician is always advised before using it to spray chemicals

Don't use this Cordless Sprayer to Apply Flammable Liquids

- Do not use oil based liquids.
- Store formulation in original labelled 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-based or flammable formulations with this machine.

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Tool Use and Care

- Do not use a machine that is broken or damaged in any way.
- Do not alter the machine by adding or removing parts
- Do not restrict the motor air inlet area.
- Do not tamper with the output nozzle.
- Do not allow the machine to operate unattended.
- Do not stand in water or hold over water while operating machine
- Do not use outdoors when it's raining.
- Do not use cordless sprayer if switch does not turn it on or off. A cordless sprayer that cannot be controlled with the switch is dangerous and must be repaired
- Disconnect battery pack from cordless sprayer or place the switch in the locked or OFF position before making any adjustments, refilling the tank or storing the cordless sprayer. Such preventative safety measures reduce the risk of starting the cordless sprayer accidentally.
- When not in use store your sprayer out of reach of children and other untrained persons.
- Cordless sprayers are dangerous in the hands of untrained users.
- When battery pack is not in use, keep it away from other metal objects like: paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause sparks, burns, or a fire.
- To clean the sprayer use soap, water and a damp cloth to wipe clean. To clean internal components run clean, warm water through the sprayer for 3 minutes.

Important Safety Instructions for Battery Packs

Your cordless sprayer uses a 16.8 volt Lithium-Ion battery pack. The battery pack is not fully charged when delivered. Before using the battery pack and charger, read the safety instructions below.

⚠ Caution

The battery used in this device may present a risk of fire or chemical burn if mistreated. Do not disassemble or store in extreme heat or cold. Keep away from children and do not dispose of in a fire. Do not attempt to disassemble the battery or remove any component projecting from the battery terminals. The battery and charger have no user serviceable parts Fire or injury may result from tampering prior to disposal. protect exposed terminals with heavy insulating tape to prevent shorting.

⚠ Danger

Electrocution hazard. Never attempt to open the battery pack for any reason. If battery pack case is cracked or damaged, do not insert into charger. Electric shock or electrocution may result.

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⚠ Warning

Fire hazard. DO NOT store or carry battery so that metal objects can contact exposed battery terminals. For example, do not place battery in aprons, pockets, toolboxes, product kit boxes, drawers, etc, with loose nails, screws, keys, etc.

⚠ Caution

Battery pack must be securely attached to the cordless sprayer. If battery pack is detached, personal injury may result.

DO NOT incinerate the battery pack even if it is severely damaged or is completely worn out this may result in a explosion. The sprayers removable battery pack must only be recharged with the specified charger supplied with the sprayer.

DO NOT splash or immerse in water or other liquids.

DO NOT store or use the tool and battery pack in locations where the temperature may reach or exceed 105° F (40)° (such as outside sheds or metal buildings in summer).

Damaged battery packs should be recycled.

Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like.

The US Department of Transportation Hazardous Material Regulations (HMR) prohibits transporting batteries in commercial transport or on aircraft (i.e .. packed in suitcases and carry-on luggage)

UNLESS they are properly protected from short circuits. When transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

Important Safety Instructions for Battery Chargers

Please Retain These Instructions

This manual contains important safety instructions for battery chargers. Before using the charger, read all instructions and cautionary markings on charger, battery pack and product using battery pack.

⚠ Danger

Electrocution hazard. 120/240 volts connection between electrical lead and the charger unit. Do not probe electrical fitting with conductive objects.

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⚠ Warning

Shock hazard. Do not allow any liquid to get inside charger.

⚠ Caution

Burn hazard. To reduce the risk of injury, charge only manufacturer rechargeable batteries. Other types of batteries may explode causing personal injury and damage.

⚠ Caution

Under certain conditions, with the charger plugged in to the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminium foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no connected battery pack. Unplug the charger before attempting to clean.

DO NOT attempt to charge the battery pack with any chargers other than the one noted in this manual. The charger and battery pack are specifically designed to work together. These chargers are not intended for any uses other than charging the associated rechargeable batteries. Any other uses may result in risk of fire, electric shock or electrocution.

DO NOT expose charger to rain or snow. Pull by plug rather than cord when disconnecting charger. This will reduce risk of damage to electric plug and cord. Make sure that cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.

DO NOT use an extension cord unless it is absolutely necessary. Use of improper extension cord could result in risk of fire, electric shock, or electrocution.

DO NOT place any object on top of charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat. Place the charger in a position away from any heat source. The charger is ventilated through slots in the top and the bottom of the housing.

DO NOT operate charger with damaged cord or plug - have them replaced immediately.

DO NOT operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.

Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of electric shock.

NEVER attempt to connect 2 chargers together.

The charger is designed to operate on standard household electrical power (120/240V) with the correct countries plug.

Operation Instructions

1. To start the use of the Cordless 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 by first removing it from the unit by rotating the tank locking collar and pulling the tank release ring. 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 until you hear the click of the tank release ring 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.

Nozzle Instructions

To change the sprayer nozzle twist the nozzle retaining ring anticlockwise to take it remove. Pull out the current nozzle and change for another suitable size nozzle. When reinstalling the new nozzle please ensure that the rubber seal is correctly situated in the recess to prevent any undue blockages.

Cleaning

All users must follow safe cleaning practices to protect themselves from harmful exposure when cleaning the sprayer

It is recommended that user should thoroughly rinse the sprayer tank after each use to prevent residual solution buildup. Do not leave unused chemical in the tank and discharge into its original container. To reduce the risk of blockages warm water should be run through the sprayer for 3 minutes after each use to fully purge the system.

If your nozzles becomes blocked please soak in hot soapy water and blow out with pressurized air to remove any stuck debris.