

PROFESSIONAL ELECTROSTATIC BACKPACK SPRAYER OPERATION MANUAL



PLEASE READ THIS MANUAL
CAREFULLY BEFORE USING.



DISINFECTION

HOSPITAL

COMMUNITY

PARK

Dear customer:

Thank you for choosing our electrostatic sprayer. Please read the operation manual carefully before using the product , strictly abide by the safety operation rules, in order to prevent product failure from affecting your normal use or cause unnecessary losses. We hope that you can use this product safely, correctly, and efficiently with this operation manual, maintain the best operation condition of the product to improve the application efficiency of the products .

We are committed to the constant optimization and improvement of product design. We will appreciate for your valuable suggestions or feedback.

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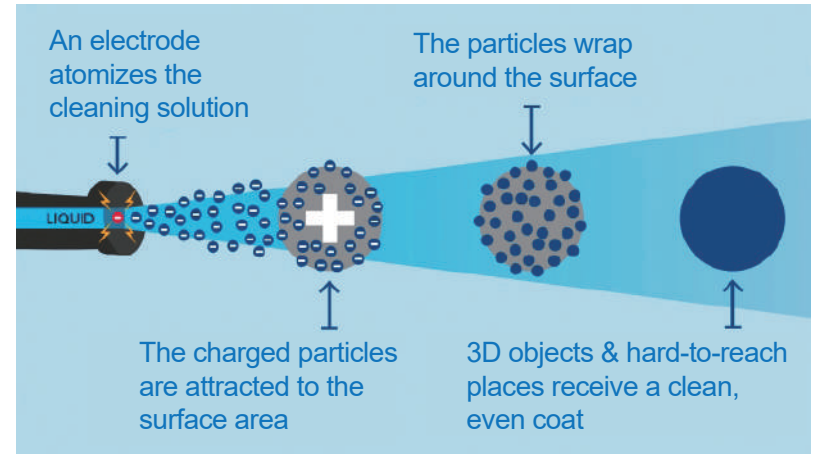
I . Illustrated parts



II . Technical parameter

Model	790 Electrostatic backpack sprayer
Battery	Core lithium battery
Sprayer body	ABS material
Tank capacity	10L(2.27Gallons)
Working times	3.5 hours (outdoor using with fan open) 9-10 hours (indoor using with fan off)
Charging time	90 minutes
Nozzle Sprayer Sizes	20,40, 80 micron 360° fan
Effective range	3-6m (Electrostatic with fan open) 1-2m (Electrostatic with fan off)
Rated Voltage	24V
Battery capacity	30AH
Rated power	200W
Net weight	7.8kg
Gross weight	11.5kg
Packing size	728*273*660mm
Warranty	6 months(free wearing parts)
Application	Can be used for indoor/Environmental disinfection/Cleaning/Epidemic prevention/ Public place/Hospital/Building...

III . Electrostatic working principle



Electrostatic spray technology is one professional fix that uses an electrical charge to allow the appropriate sanitizers and disinfectants to wrap around and evenly coat all types of surfaces for a more complete clean.

IV . Operation instructions

1. Charge the machine until it is fully charged. The light of the charger will change from red to green
2. Unplug the charger, Fill the solution or disinfectant into the tank and fasten the tank cap.
3. Turn on the power switch
4. Turn on the fan switch on the sprayer gun(Outdoor using)
5. After finish working, turn off the fan switch first and then turn off the power switch.
6. Please clean the nozzles and filters regularly. Screw off the nozzle and wash it carefully with water. There are 3 parts of filters to clean.

First part: Please unscrew this screw, you will see the small filter.
Please clean the filter carefully with water.



Second part: Please unscrew tank cap, you will see this filter . Please clean the filter with water.



Third part: Please unscrew the tank cap, and you will see the two filters at the bottom of the sprayer.
Please carefully screw off the filter and wash it with water.



After all cleaning filters, Please install the filters back to the machine.

V. Battery operation and Charging methods

For the convenience of customers use continuously, you can buy portable spare battery.
The battery can be plugged in the machine when using machine.

1. The charging method of spare battery:



2.The operation of spare battery:



We provided bag of spare battery. Put the spare battery in the bag when using.

3.The charging method of machine:



VI. Common Failures and Trouble Shooting

1. Failures: Motor don't run

Cause: The battery capacity is not enough, the battery is in automatic protection when the power light become red.

solution: Check if the battery is adequate.

Cause: (2) Overload operation

Solution: Stop working and put the machine at a ventilated place for 30minutes

2. Failures: Machine runs but without spraying droplets

Cause: (1) The solution is not enough or no solution.

Solutions: Check and fill more solution into the tank.

Cause: (2) Solution tank cap is not well fastened.

Solution:Fasten the solution cap.

Cause: (3) Spray nozzle blockage

Solution: Clean the nozzle.

VII. Attentions

1. Do not touch the electrostatic iron with wet hands.Please wear gloves if necessary
2. Do not touch the nozzle when using.
3. There will be a buzzing sound after shutdown. The liquid will flow back to the watertank without additional cleaning.
4. Do not put the machine in a humid environment, which will affect the service life of the machine.
5. If the power of the machine is less than 20%, please charge it in time, which will affect the service life of the machine.
6. Please don't use it to work when charging.
7. If you leave it unused for a long time, please fully charge the better.
8. Prohibit using the strong corrosion liquid, the solution should be completely dissolved without impurities. To prevent clogging the pipeline.

9. If below situations happen, please cut off the power supply immediately.

1)The water gets into machine.

2)The motor stops working suddenly.

3)The voice of motor changes obviously.

4)The water tank leaks.

5)The motor is not work or other abnormal conditions happen when turning on.

10. Do not use the machine in the rain. Forbid to plug or unplug with wet hands. The machine should not be stored near any flammable, explosive articles or high temperatures sites.

11. For other problems, please contact customer service

VIII . Packing List

No.	Item	Specification	Qty	Remarks
1	sprayer		1	
2	Charger		1	
3	Straps		1	
4	Nozzles		2sets	5 nozzles in 1 set
5	User Manual		1	

IX. Warranty Card

User name		Gender		Country
Address				
Contact				Zip code
Purchase place				Sale name
Order NO.			Date of purchase	
Product name			Model NO.	
Serial NO.			User signature	
Dealer signature			Note	

Warranty Item:

1.We provide 6 months maintenance for the main components of the equipment.

List of major components:

- 1) Motor
- 2) Electronic control board
- 3) Battery (warranty for liquid leakage, plastic shell cracking, etc. Except for human factors and external damage)
- 4) Charger
- 5) Watertank
- 6) straps
- 7) Nozzle

Parts that are not in the main components list are all warranted for 3 months (except for human factors, external damage and improper use) .

2.The below circumstances are exclusive of the warranty service:

- 1) The blockage and damage of equipment because of using strong corrosion liquid
- 2) The fault and damage because of changing the structure and replacing the parts of equipment privately.
- 3) Do not follow the instructions for use and maintenance.
- 4) Artificial damage caused by improper or overuse.
- 5) Damage caused by irresistible natural forces, such as earthquakes, floods, fires, etc.