

PROFESSIONAL ELECTROSTATIC BACKPACK SPRAYER OPERATION MANUAL



PLEASE READ THIS MANUAL
CAREFULLY BEFORE USING.



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 effciently 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.

CONTENTS

I . ILLUSTRATED PARTS..... 1

II . TECHNICAL PARAMETERS 1

III . ELECTROSTATIC WORKING PRINCIPLE 2

IV . OPERATION INSTRUCTIONS 2

V . BATTERY OPERATION AND CHARGING METHODS 4

VI . COMMON FAILURES AND TROUBLE SHOOTING 5

VII . ATTENTIONS 5

VIII . PACKING LIST 6

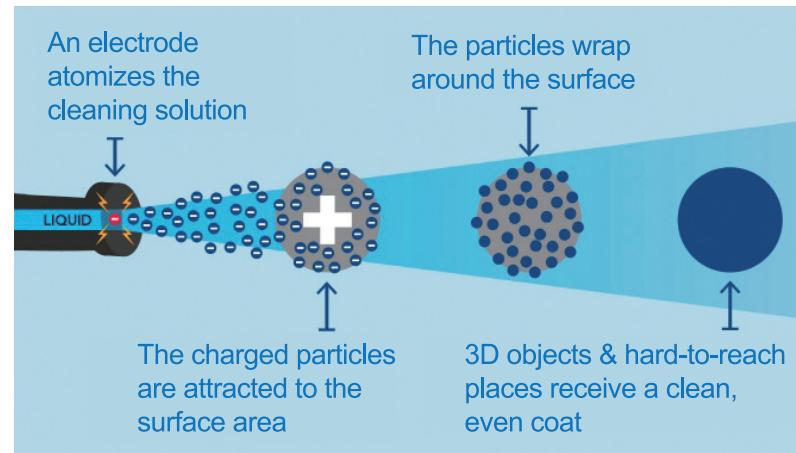
I . Illustrated parts



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	4.5 hours
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
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

※ To protect the machine, the battery will enter the automatic protection state when the screen shows the remaining 50% of power (working time keeps 9h without fan work or 3.5h with fan work), please continue using after charging completely.

VIII. Packing List

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