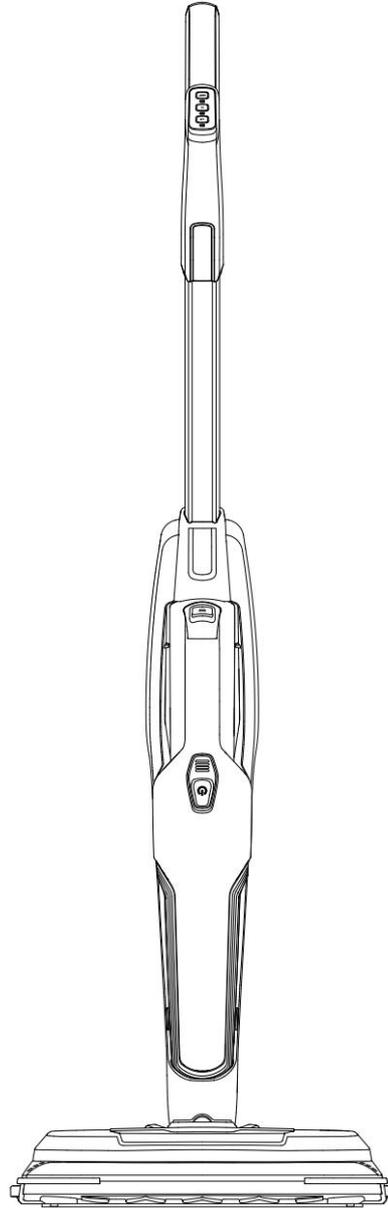


# BOBOT

MAKE THE WORLD CLEAN

# BOBOT SOP 610 Instruction Manual Instruction Manual



Please read this instruction manual carefully before using the product, and keep this instruction manual properly

foreword

BOBOT ROBOTICS INC.

Thank you for purchasing BOBOT brand household cleaning appliances. I wish you a happy use!

Please read this manual carefully, because the information in it will help you understand how to operate the product safely and correctly, and get the best results from it.

This manual includes the latest information at the time of printing, and our company is solely responsible for the revision, interpretation and explanation of this manual. The company's policy is to continuously revise the product, so the company reserves the right to change the product without notice after the manual is printed.

If you have any questions or suggestions about our products during use, please call our service hotline:400-966-9592, we will serve you wholeheartedly!

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•This product is only used for indoor cleaning, please do not use it for other purposes.

## 1. Product technical characteristics

### 1.1 Product Description

28.8Vdc rechargeable suction and drag integrated cleaning machine  
This product is a vacuum cleaner + double disc two-in-one combination cleaning machine, the vacuum cleaner can be detached and used as a handheld machine

The vacuum cleaner and the double disc can be operated independently and in combination.

### 1.2 Product Features

- 1) Two-in-one vacuum cleaner + double disc
- 2) Easy-to-operate detachable handle, equipped with independent operation buttons (MOP, Hi, Low)
- 3) Detachable hand-held vacuum cleaner with detachable battery pack, greatly improving transportation/storage safety
- 4) HEPA filter system
- 5) Double-disc cleaning head, which can move smoothly in automatic direction, and the operation is labor-saving
- 6) With floating suction nozzle to ensure stable suction and improve cleaning efficiency
- 7) Double motors drive double wheels, strong power
- 8) Fully transparent large-capacity clean water tank that can automatically spray water, with buoys and indicator lights
- 9) Lithium battery charge and discharge protection and power LED display function
- 10) There is no mopping alarm when the double roulette is working
- 11) With manual water spray button for fixed-point water spray, improve the cleaning experience
- 12) With self-cleaning disc (optional)

## 2. Safety warning notices

To reduce the risk of fire, electric shock, or injury, follow these instructions: This

device may be used by children 8 years of age and older, as well as by persons with reduced physical, sensory, or mental abilities, or persons who lack experience and understanding, provided they are supervised or informed of the safe use of this device and the associated hazards. Cleaning and user maintenance operations shall not be performed by children without supervision;

Children should be supervised to ensure that they do not

play with this unit; unplug the power outlet when not in use and before cleaning, maintaining or servicing this unit, and

## Safety Warning Notice

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If your device is equipped with an auxiliary tool with a movable brush, please unplug it before connecting or disconnecting the tool;

Do not immerse in water or liquids;

Keep hair, loose clothing, fingers, and body parts away from openings and moving parts of the unit and its accessories;

Never use damaged cables or plugs;

If the charger power cord is damaged, it must be replaced by the manufacturer, its repair facility, or similarly qualified personnel,

to avoid danger;

Do not incinerate this device, even if severely damaged. Batteries may explode in fire;

Please dispose of the battery safely;

The battery contained in this device may only be replaced by specially trained personnel;

In the case of excessive force, there may be liquid splashing from the battery, please avoid contact, if an accident occurs

contact, please rinse with water, if the liquid comes into contact with the eyes, please seek additional medical help, the liquid spilled from the battery may

connect

can cause pain or burns;

Charge only with chargers specified by the manufacturer, a charger suitable for one type of battery pack and another type of battery.

Mixing pools can cause fire;

The battery must be removed from the device before disposal;

Never use a damaged power cord or charger if the unit is not working properly, has been dropped, has been Damaged, placed outdoors or dropped in water, please send it to a repair center;

Turn off all controllers before unplugging;

Only use the type of liquid specified in the operation section of this manual, and the amount should be in accordance with the regulations;

Liquids must not be introduced into equipment containing electrical components;

Be sure to connect to a properly grounded power outlet, do not modify the grounded plug;

Never pull on the charger cable or lift the device by the cable, never use the cable as a handle, never close the door

Pinch the cable, do not pull the cable on sharp edges or corners;

Make sure the charger cable is kept away from heated surfaces;

To unplug, hold the charger plug, not the cable;

Never hold the charger plug or the device with wet hands;

Never short-circuit the output terminals of the battery pack or charger base;

Do not charge the device outdoors. Do not use outdoors;

When removing the battery, the unit must be disconnected from the power supply

## Safety Warning Notice

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Do not charge, disassemble, heat (over 60°C) or incinerate used batteries;

Never put the battery in your mouth, if swallowed, please contact your physician or local poison control center;

To prevent accidental activation, make sure the switch is in the OFF position before lifting or carrying the unit. Placing fingers on the switch area when carrying the device, or energizing the switch while it is in the active position can cause an accident;

Do not use damaged or modified units. Damaged or modified batteries may behave unpredictably, resulting in a fire, explosion or injury hazard;

Do not expose the device to flames or excessive temperatures. Exposure to flames or temperatures above 130°C may cause an explosion; please follow all charging instructions and do not charge the device outside the temperature range specified in the instructions

Improper charging or charging outside the specified temperature range can cause damage to the battery and increase the risk of fire;

Have repair work performed by qualified service personnel and use only identical spare parts . This sustainably ensures product safety;

Do not modify or attempt to repair this device unless expressly stated in the Instructions for Use and Maintenance;

During battery charging, device storage or device use, please keep the temperature between 4-40°C;

Plastic film can be dangerous. Children should be kept away from plastic films to avoid suffocation;

Be sure to use this device as specified in this manual;

Always use accessories recommended by the manufacturer;

If this unit does not work properly, has been dropped, damaged, placed outdoors, or dropped in water, do not attempt to operate it, but take it to an authorized repair center for repair;

Do not use with the opening blocked, make sure there is no dust, lint, hair or anything that could reduce airflow;

Extra care should be taken when sweeping stairs;

Do not use to sweep flammable or combustible liquids (such as gasoline), or use the device in areas where flammable or combustible liquids may be present;

Do not use to sweep toxic substances (sewage cleaners, ammonia, bleach);

Do not use the device in a confined space filled with vapors emitted by oil-based paints, paint thinners or certain moth-proof substances, combustible dusts or other explosive or toxic vapors;

Do not use to sweep hard or sharp objects, such as glass, nails, screws, coins, etc.;

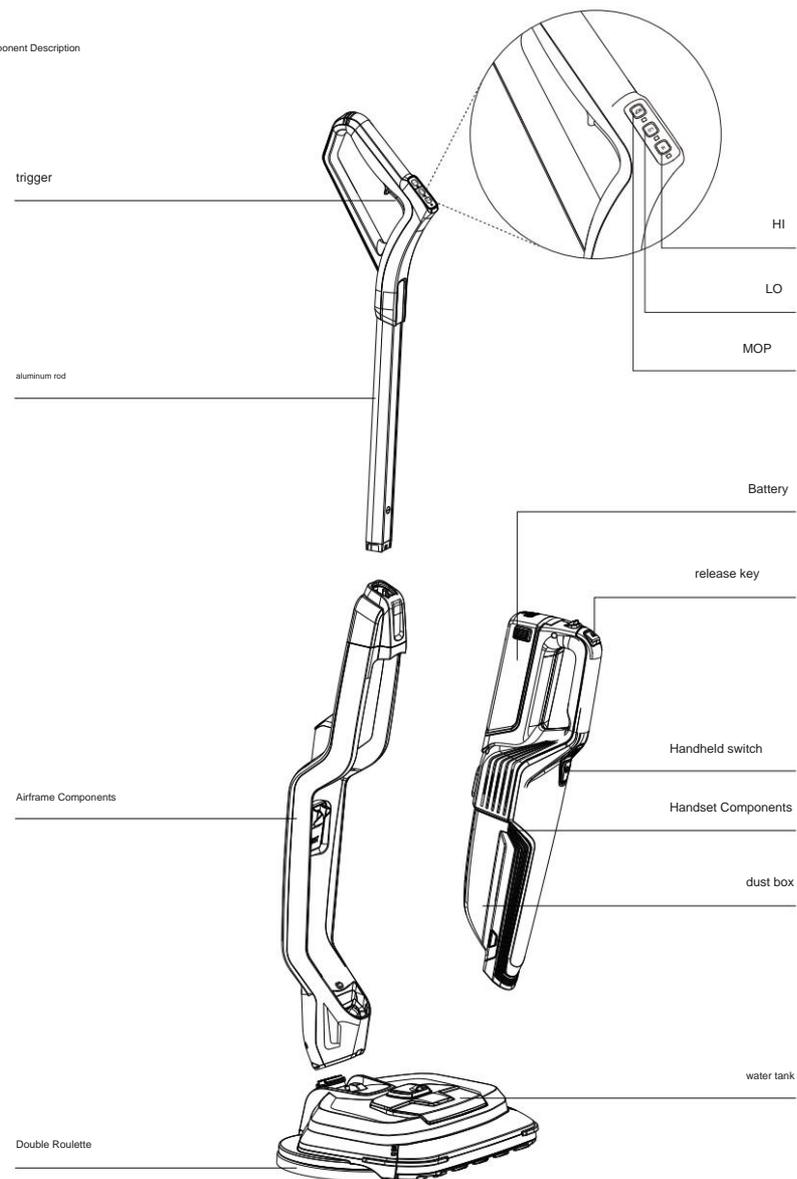
Do not use to sweep objects that are burning or smoking, such as cigarettes, matches;

Install the filter before use;

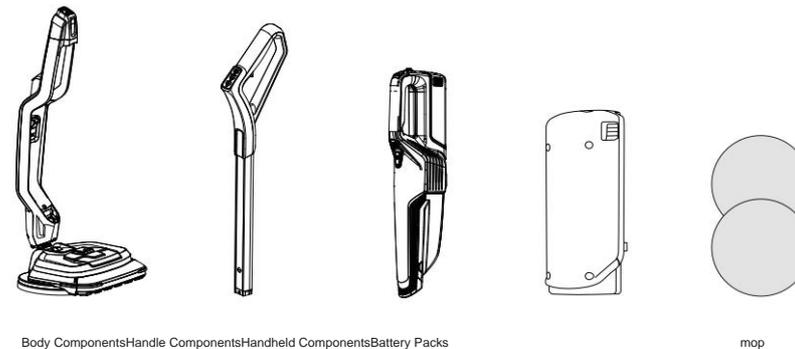
Do not store in places where freezing may occur;

3. Product illustration

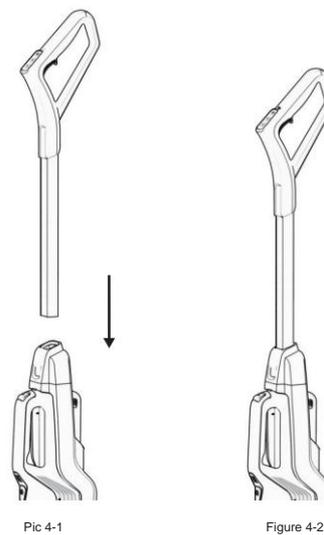
3.1 Component Description



3.2 Unpacking and checking the contents of the package



Fourth, product assembly



The size of the device is large, for convenient transportation and storage, the handle assembly is packaged separately from the body part, and the user can please follow the steps below when using it.

4.1 Handle assembly

Insert the handle assembly into the corresponding fuselage in the direction shown in Figure 4-1. At the top position, there is a buckle positioning inside, and you will hear a "click" after inserting. After a sound, the assembly is completed as shown in Figure 4-2.

Product assembly

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4.2 Handset Assembly

Insert the handset assembly into the corresponding position of the fuselage according to the direction shown in Figure 4-3.

After hearing a "click", the assembly is completed as shown in Figure 4-4.



Figure 4-3



Figure 4-4

4.3 Disassembly and assembly of battery pack

Put the battery pack into the downward battery slot as shown in Figure 4-5, press it down slightly, and hear a "click" sound, indicating that the installation is successful.

Press and hold the battery pack lock button, and pull the battery pack upwards as shown in Figure 4-6.

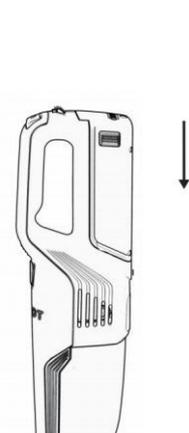


Figure 4-5

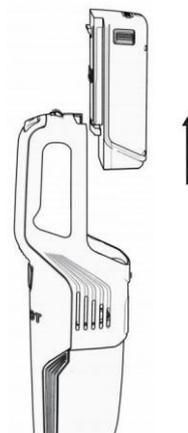


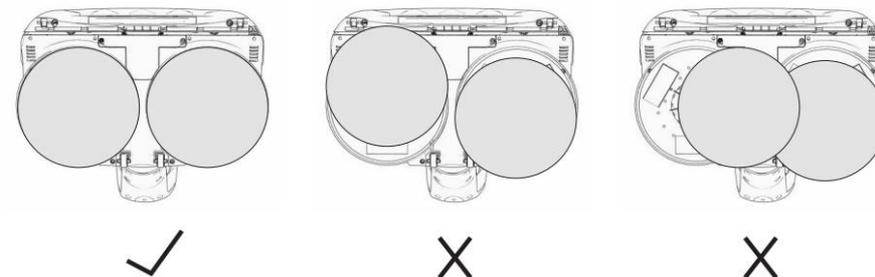
Figure 4-6

Product use

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4.4 Correctly install the cleaning cloth

The mop should be as consistent as possible with the center of the base rotating turntable.



Five, product use

After assembling the handle on the machine, press the operation button on the handle to enter the corresponding cleaning mode, and press again stop working.

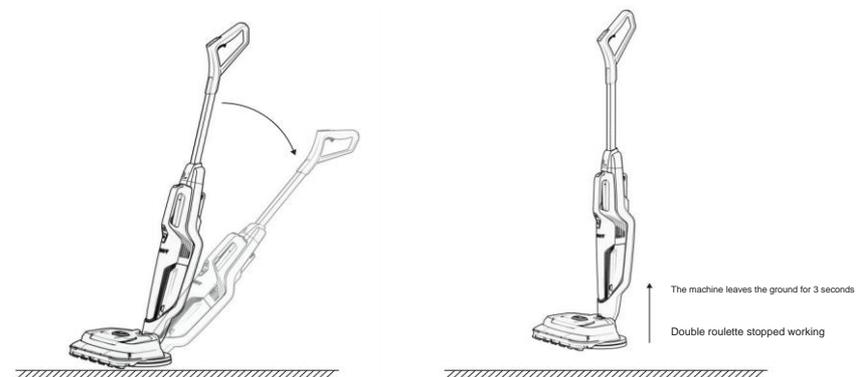
There are three cleaning modes as follows: hand-held vacuum cleaner separate mode, divided into two levels according to the size of suction; vacuum cleaner + dual

In the wheel combination mode, the vacuum cleaner and the double wheels can be turned on and run independently or together.

5.1 When Double Roulette is used

Tilt the fuselage to a suitable angle, press the MOP button to start the double wheel work, automatically spray water to pre-wet the mop, press again

The MOP button stops the work of the double roulette; press the trigger on the handle, the water spray indicator of the clean water box will light up, and water will be sprayed to the middle of the mop.



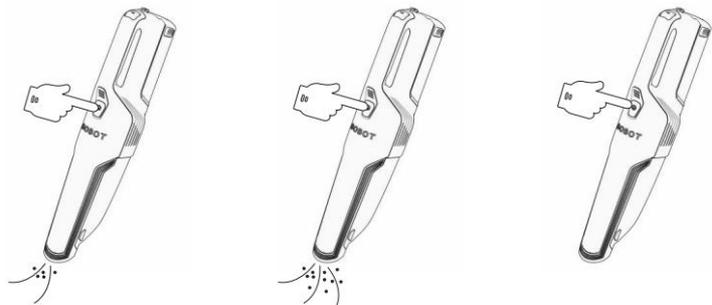
Prompt before starting the machine: please check that the mop and the hand-held washer are installed, and the clean water box is filled with clean water.

## Product use

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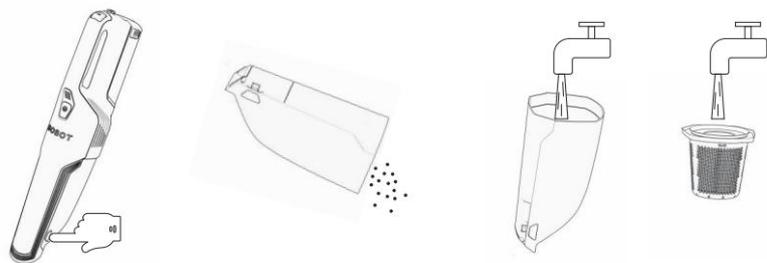
### 5.2 When using the hand-held vacuum cleaner

Press the power button on the top of the fuselage, press the power button for the first time to enter the low-level vacuuming work, and the battery indicator light at the rear of the fuselage lights up; press it again to enter the high-end vacuuming work; press the third time to stop working.



**Warning:** Do not immerse the entire mop head in the sink for cleaning!  
Do not use the whole machine to directly absorb water!

The battery can be disassembled and charged separately, or it can be charged on the fuselage; after the vacuuming work is completed, you can press the left and right release buttons on the front of the dust cup to remove the dust cup, take out the filter assembly, and dump the garbage, the dust cup and filter can be Rinse with clean water.



**Note:** If the filter is rinsed with water, the HEAP must be dried/dried/dried before being put back into the machine.

Continued use to avoid water inhalation and damage to the machine.

## Product use

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### 5.3 When the vacuum cleaner + double disc is used in combination

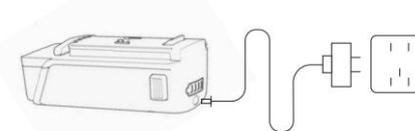
Press LO and HI on the handle alone to control the vacuum cleaner to enter the low-grade and high-grade working modes, the battery power indicator lights up, and the marquee lights on both sides of the front of the mop flash, press the button again to stop working; tilt the body to a suitable position Angle, press the MOP button to start the double roulette work, automatically spray water to pre-wet the mop, press the MOP button again to stop the double roulette work; press the trigger on the handle, the water spray indicator of the clean water box will light up, and water will be sprayed to the mop. middle.



### 5.4 When the machine is low or dead

Plug the charger into the charging jack on the battery pack to charge, there are four LED lights to display the charging status, the power

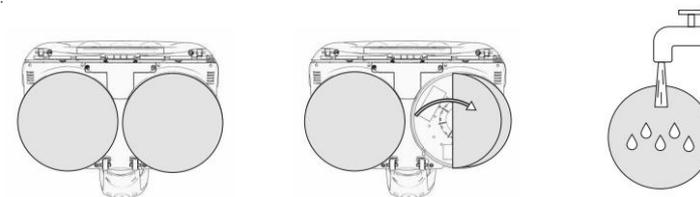
The LED light flashes to indicate continuous charging, the four LED lights light up at the same time to indicate that it is fully charged, and all LEDs are fully charged off.



**Note:** Do not use the machine to clean cleaning may cause malfunction.

### 5.5 Assembly, disassembly and cleaning of the double wheel mop

When installing the mop, just stick the velcro on the centering wheel of the mop; after work, tear off the mop for cleaning or use a self-cleaning basin for cleaning.



## 6. Product Specifications

项目	规格描述	
Battery pack discharge indicator	When the battery is 100%-75%, the four lights are always on blue	
	When the battery is 75%-50%, the front light is off, and the back three lights are always on blue	
	When the battery is 50%-25%, the front two lights are off, the rear two lights are always on blue, and the rear three lights are always on blue	
	When the battery is 25%-15%, the front three lights are off, and the last light is always on blue	
	When the battery is lower than 15%, the first three lights are off, and the last light is red and flashes slowly at 1Hz	
battery charge indicator	When the battery is lower than 25%, the four lights flash 1Hz and turn blue in sequence	
	When the battery is 25%-50%, the last light is always on blue, and the first three lights flash 1Hz and turn on blue in turn.	
	When the battery is 50%-75%, the rear two lights are always on blue, and the front two lights flash 1Hz and turn blue in sequence	
	When the battery is 75%-100%, the back three lights are always on blue, and the front light flashes blue at 1Hz	
	At 100% power, the four lights are always on blue	
Vacuum cleaner host switch indicator	The red light flashes when charging, and turns blue when fully charged	
	When there is power, the blue light is always on, and when there is no power, the red light flashes for 5s and then shuts down (only when the double wheel is working, the light is off)	
Clear water tank spray indication	When the water spray trigger is triggered, the indicator light below the clean water tank lights up blue	

## Seven, product parameters

Product Name:	suction tow integrated machine
Product Model:	SOP 160
Rated Voltage:	28.8V
rated power:	250W
Dual Roulette Speed:	170rpm
Battery Capacity:	2600mAh 3.7vx 8 sections
Charging time:	~4 hours
Clean water tank	200ml
capacity: Dust cup	350ml
capacity: Product noise:	~75dB(A)
Product	369*227*1175mm
Dimensions:	4.2kg
Product Net Weight: Adapter Output:	DC 36V 1.0A
Adapter input:	AC 100-240V~ 50/60Hz, 1.5A Max High-grade ~ 25
Handheld usage time:	minutes Low-grade ~ 40 minutes Independent
Dual roulette usage time:	operation ~ 60 minutes
Machine use time:	High-grade ~ 20 minutes Low-grade ~ 28 minutes
Handheld vacuum cleaner suction power:	High-grade ~8.0Kpa Low-grade ~5.0Kpa

R&amp;D, Design, R&amp;D and Design Address: Bao'an District, Shenzhen Authorized

Manufacturer: Shenzhen Bobot Robot Co., Ltd. China Brand Operation Center: 6F,

Building 8, Dongfang E-Commerce Park, Hangzhou, China Service Hotline: 400-966-9592

Executive standard: GB17625.1-2012; GB4343.1-2009; GB4706.1-2005; GB4706.7-2014

## Simple faults and solutions

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## 8. Simple faults and solutions

 Warning: If you find that the machine is working abnormally, please turn off the machine and unplug the power plug to cut off the power!

fault phenomenon	possible reason	Approach
Machine won't start	low battery	Refer to the instruction manual "Battery charging" correctly Charge
The vacuum cleaner has no suction or low suction	The dust cup is full	Empty the trash in the dust cup
	The extension tube or the floor brush is blocked by a foreign object	Refer to the instruction manual "Removal of foreign body blockage" for treatment
	The dust cup or separation filter is not correct install correctly	Reinstalled dust cup correctly or detached filter
There is obvious in the vacuum cleaner Dust leaks	The dust cup is full	Empty the trash in the dust cup
	The dust cup or separation filter is not correct install correctly	Reinstalled dust cup correctly or detached filter
Use time after charging shorten	Insufficient charging time	Refer to the instruction manual "Battery charging" correctly Charge
	battery aging	Replace after purchasing original battery pack

 Warning: If the above tips still cannot solve the machine problem, please contact our after-sales service or technical personnel  
Contact, do not disassemble and repair by yourself!

## Name and Content of Hazardous Substances in Products BOBOT ROBOTICS INC.

## 9. Name and content of harmful substances in the product

Part Name	10 Hazardous Substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Pb)	polybrominated biphenyls (Pb)	Polybrominated diphenyl ethers (Pb)
injection model	○	○	○	○	○	○
motor	×	○	○	○	○	○
circuit board assembly	×	○	○	○	○	○
Internal lead	×	○	○	○	○	○
switch*	×	○	○	○	○	○
Filter*	○	○	○	○	○	○
HEPA*	○	○	○	○	○	○
appendix*	○	○	○	○	○	○
battery pack	×	○	○	○	○	○
Power Adapter	×	○	○	○	○	○

This form is prepared in accordance with the provisions of SJ/T11364

○ : Indicates that the content of this hazardous substance in all homogeneous materials of the part is under the limit requirement specified in GB/T26572.

× : Indicates that the content of the hazardous substance in at least one homogeneous material of the part exceeds the limit specified in GB-T26572  
quantity requirements. However, due to the limitation of current scientific and technological development, it is temporarily impossible to achieve replacement or reduction.

## Disposal Recycling Tips:

In order to better care for and protect the earth, when the user no longer needs this product or the product life ends, please comply with  
National laws and regulations on the recycling and disposal of waste electronic products, and hand them over to the local nationally recognized recycling  
Qualified manufacturers for recycling, if improper use or disposal may cause harm to the environment and human health  
influences.