

Glass cleaning robot

Instruction manual



Important security matters and warnings

1.1 Please read the instructions carefully before using this product

1. This product is not used for the first time or for a long time, please fully charge the built-in backup battery, that is, charging to the green light lit (the recommended is recommended for 2 hours)
2. Before use, tie a good safety rope and check whether the safety rope is damaged and whether the knot is stable to ensure that the safety rope is tied to a solid interior device.
3. This product must be connected to the power line to work, and the ambient temperature: 0°C-40°C (32°F-104°F) .
4. Before rubbing the glass, remove all the items on the surface of the glass. Do not clean the broken glass. Some frosted glass may be scratched on the surface during cleaning. Please use it with caution.
5. Please turn on the power first and then place the product on the glass to ensure that the machine is safely adsorbed on the surface of the glass and then let go; remove the product before turning off the power.

1.2 Warning!!!

1. Do not let children use this product, let alone toys.
2. Do not use the scenes of rainy days, humidity, water, or other liquids to avoid water failure or risk of electric shock.
3. Do not use it in the dangerous area as follows, such as a bathroom with a bright fire, a bathroom with a sprinkler flowing water, and a swimming pool.
4. Do not clean the damaged and surface uneven glass. The glass that is uneven or damaged on the surface will not produce sufficient vacuum absorption, resulting in the product unable to work.
5. Do not use water to clean the body and power adapter.

6. Do not spray water or cleaning liquid on the bottom of the fuselage or machine. The water spray can only be sprayed on the cleaning cloth and paste the cleaning cloth.

7. Do not repair the product by yourself. Product maintenance must be repaired by authorized after-sales centers or dealers. If the product or power adapter is damaged, please do not continue to use it. Please contact the local after-sales center or dealer for maintenance.

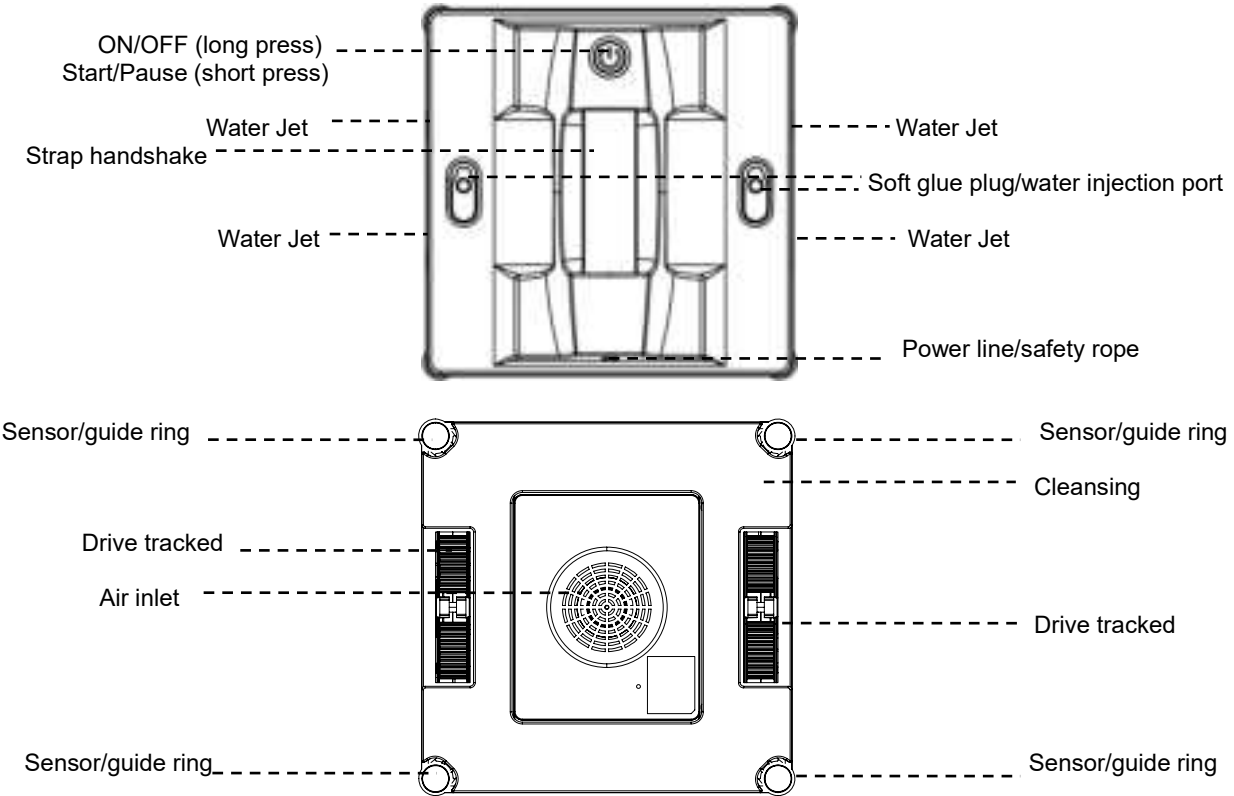
1.3 Product Safety Information

1. Before cleaning the body or maintaining the machine, make sure to cut off the power supply, unplug the transformer's plug from the socket, and turn off the product power supply. Remember not to disconnect power out of power by twisting the extension line.
2. Do not drag and drag the power adapter through the extension line. Power off the power plug should be unplugged normally.
3. Please use the original power adapter to use a non-original adapter that may cause product failure or damage the product.
4. Do not destroy or distort the power cord. Do not press the heavy object on the power line or the adapter, so as not to cause damage to the power cable, short-circuit fire shock, etc.
5. Do not use damaged adapters, charging cables or plugs; do not use the adapter in a humid environment to prevent the wet-handed contact adapter.
6. Do not disassemble the adapter. If the adapters fail, please replace the entire adapter. If you need to help and repair, please contact the local customer service or dealer.
7. If the battery is not handled properly, there may be a danger of burning or chemical chemistry. Please do not disassemble the battery to avoid short-circuit the battery, and do not throw the battery into the fire or place it in the temperature above 60°C (140°F) . This product cannot be burned.

8. The built -in battery of this product can only be replaced by manufacturers or designated dealers, so as not to cause danger. The processing and recycling of waste batteries must comply with relevant national laws and regulations.

Product graph

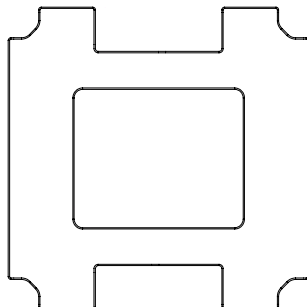
9. Operation this product strictly in accordance with the instructions of the use, the manufacturer will not bear any responsibility for any property loss and personal damage caused by improper use



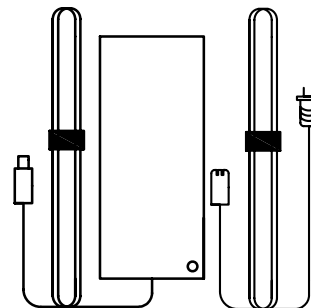
Accessory list



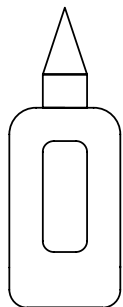
Host



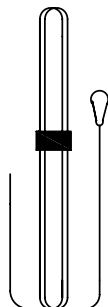
Cleaning Cloth



Adapter/power line



Water bottle



Safety rope



Remote control

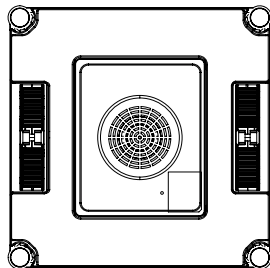


Instruction book

Guidance

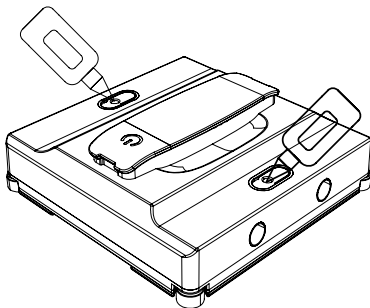
1. Install rag

Place the machine upside down on the table, and stick the cleaning cloth flat on the Velcro at the bottom of the window cleaning machine in the arc direction of the rag, and press it lightly with your hands to make it stick tightly.



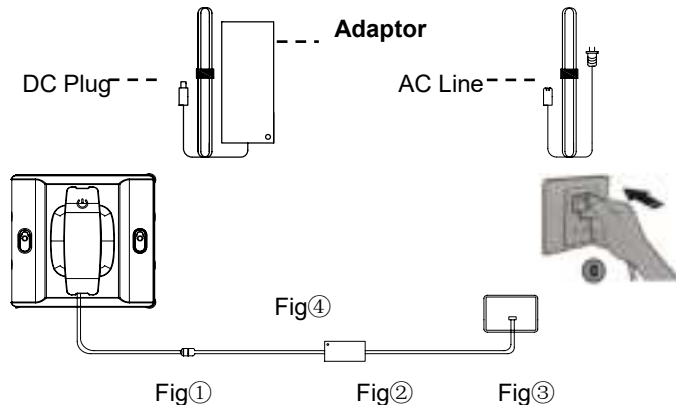
2. Water tank injection

Use the water injection bottle in the accessories, fill the water injection bottle with tap water first, the water injection bottle to the water tank on both sides of the machine, and fill the water.



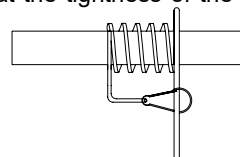
3. Connect the product power adapter

- A. Insert the fitting DC plug into the product power cord interface and tighten the nut. Fig ①
- B. Put the AC line "8" plug and insert into the adapter. Fig ②
- C. Connect the power supply and insert AC plug. Fig ③
- D. Check the light green light of the appropriate ornament indicator, and the key opening of the machine is turned on red light. Fig ④




4. Connect to fixed security rope

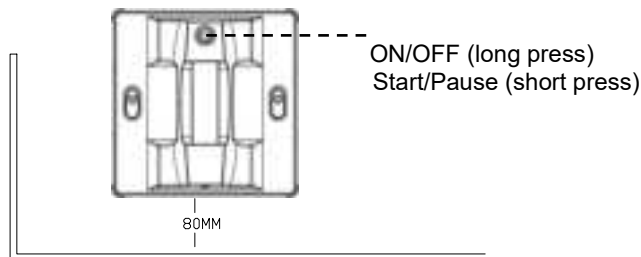
- A. Check whether the safety rope and hardware buckle that comes with the product is damaged.
- B. Fix the other hardware buckle of the safety rope on other firm objects indoors to ensure that the tightness of the wrapping circle will not be dropped off.



5. Start the window to wipe the window machine

A. The key to the power opening ----- Short press  the body button to turn on the power supply of the machine.

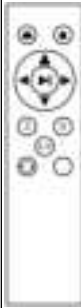









B. Place the machine on the surface of the glass and press the key (short press), that is, start or clean up.



Warning: Before starting, make sure that the frame of the four sides of the machine and the glass frame or the four corners of the window is kept at least about 80mm.

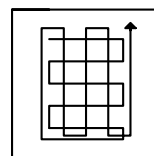
6. Remote controller

With 2.4G wireless technology, 360 -degree & 8 meters long -distance non -blocking control can be available.

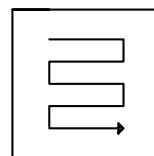
		Automatic water spray: ON/OFF		Sweep upward
		Manual water spraying		Sweep downward
	Z	Z -type automatic cleaning		Sweep rightward
	N	N -type automatic cleaning		Sweep leftward
	Z/N	Z -type N automatic cleaning		Start/pause
		Fixed -point cleaning		Clear network configuration (Press 3 times)
The remote control uses the 7th battery (without battery)				

Note: The new user connects the app, connects to the power supply adapter, and does not turn on. Press 3 times to clear the distribution network button to re -connect the app again

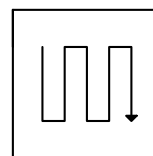
7. Four cleaning mode of remote control



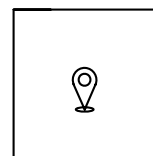
Z/N mode



Z mode



N mode




Fixed point mode

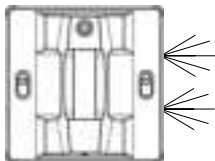
8. Water spray mode

This machine supports the left and right sides in the work alone.

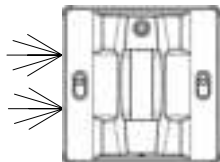
A. During the normal operation of the machine, the system automatically sprayed the water by default.

B. Users can spray water manually, press once, and spray water once. 

Water spray water from left to right



Water spray water from right to left



9. Complete cleaning and remove the machine

After the machine completes a clean cycle, it will automatically return to the opening position. After the cleaning is completed, the speaker will prompt to clean.

A. Use the remote control to remotely control the machine to the place where it is easy to remove.

B. Grasp the handle, long press the key for 2 seconds to turn off the power.

C. Take off the machine from the window.

D. Unlock the safety rope and place the machine and its related accessories in a dry ventilation environment to prepare for the next use.

10. Product maintenance

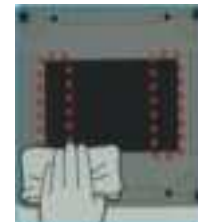
Please flip the machine fuselage flat, remove the wiper cloth, put the rag in cold water, add a small amount of detergent to clean it, clean it with water and dry it. Fig ①



Fig① Cleaning rag

After flipping the machine fuselage, please remove the dust and other dirt on the surface of the belt surface with a clean dry rag. Fig ②

Connect the power supply, please flip the machine fuselage flat, Short press the remote control "up" button to enter Automatic cleaning belt mode



Fig② Clean the driver wheel, the bottom dust

Indicator light

Orange light always on	Machine charging	Charging for 2 hours
Green light always on	The machine charging is full	
Blue light always on	The motor is working normally	
Red light always on	Machine failure abnormality	Please check or restart the machine

Safety norms

Product name	Glass cleaning robot		
Rated voltage	DC: 24V	Rated power	72W
Battery capacity	500mAh	Charging time	About 2h
Appearance	220* 220* 66mm		
Power adapter			
Input	AC 100-240V 50/60Hz 2.0A	Output	DC 24V/3.0A

Tuya app (Optional)

App download

A. Android system (domestic): Search for "Tuya Smart" or two-dimensional code below the major application market (application treasure).

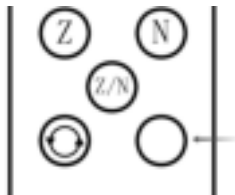
B. Android system (international): search for "Tuya Smart" in Google App Store.

C. IOS system: Search "Tuya Smart" or scan the QR code below the App Store.



D. Only supports the Wi-Fi network of 2.4G frequency band, and does not support the 5G frequency band Wi-Fi network.

E. New user distribution network, the machine connects to the power adapter, does not need to be turned on. Press the remote control to clear the key 3 times in a row, and the machine re-distributes the network status. (New users or replace the network router, you must redistribute the network)



Warranty

Thank you for buying this product! In order to protect your rights, this product shall implement after-sales service on the basis of the state ((regulations for repairs to replace the return of goods)) (commonly known as three packages). In order to make our services satisfy you, please read the relevant content about the three packages.

If the product is found to have defects due to material, production and functional problems during the purchase or warranty period, it can be decided to repair or replace the product for free or replace the product by the original purchased merchant or local dealers.

* Kind tips:

1. If the operation steps are followed by the instructions, the machine is still unable to work properly. Please contact our company's after-sales service department for help.
2. Please use this product strictly in accordance with this manual, and keep this product instructions for future use.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.