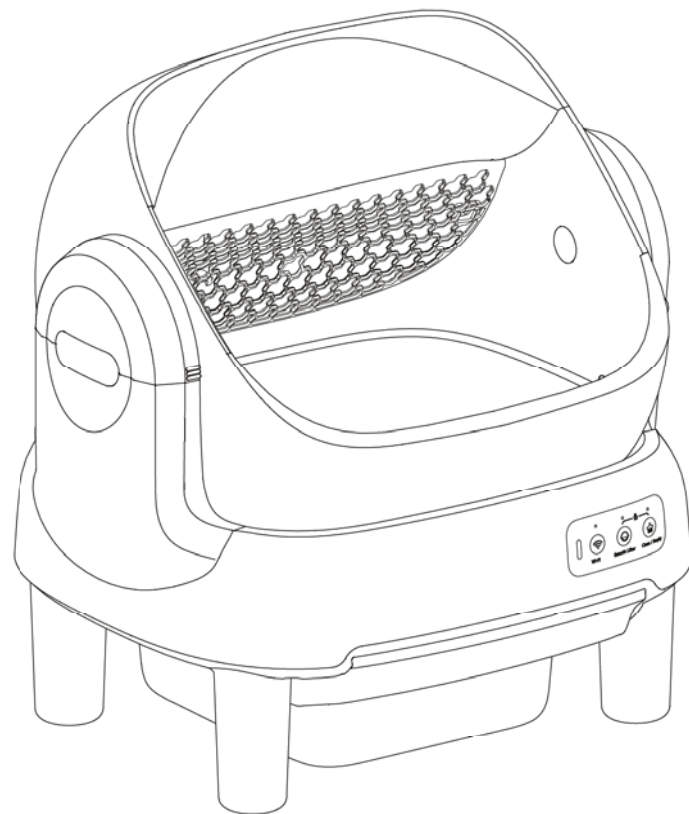




SMART CAT LITTER BOX



Product User Manual



Table of Contents

• User Notes	01-02
• Package Contents	03
• Product Introduction	04
• Instructions for Use	05-11
• APP Operation	12-15
• Daily Maintenance	16-20
• FAQs	21
• Troubleshooting Guide	22
• Product Specifications	23
• Warranty Service	24



User Notes

Methods to Help Cats Transition to the New Litter Box

1. Place the new cat litter box next to the old one, add cat litter, and keep the power off. Let your cat explore freely for 1-2 days.
2. If your cat shows no interest, use catnip or its favorite treats to guide it near the new litter box.
3. Mix a small amount of old cat litter into the new box to retain familiar scents and reduce resistance.
4. If your cat does not use the new box within a few days, continue using the old litter box and extend the time between cleanings. Cats prefer clean environments; the slight dirtiness of the old box will encourage them to try the clean new one.
5. For timid cats, it is recommended to use manual button cleaning for the first few days. Switch to automatic cleaning mode only after the cat is familiar with and using the box normally.
6. Congratulations! When your cat uses the new litter box voluntarily and no longer pays attention to the old one, it has successfully adapted to the automatic litter box.



User Notes

- Please position the machine securely indoors in a cool, dry area, away from direct sunlight to prevent premature aging of its components.
- Keep the machine out of reach of young children; they should not operate, touch, approach, or climb on it. Use by children and individuals with intellectual disabilities should always be supervised by an adult.
- Avoid using gasoline or other organic solvents to clean the machine's exterior. Do not wash or immerse the entire unit in water.
- To conserve energy, turn off and unplug the machine when it will not be used for an extended period, and remove any remaining sand inside.
- Do not connect the machine to a step-up transformer.
- Avoid using the machine in areas where it may be exposed to water spray.
- Ensure the machine is properly installed and securely positioned before use. Always place the product on a clean, flat, and hard surface. When unplugging, do not pull the power cord directly to prevent damage.
- Keep flammable and volatile materials away from the machine.
- Handle the product carefully during transport and loading/unloading to avoid collisions and scratches to both the machine and its accessories. Do not install or use the machine outdoors. Place the machine in a well-ventilated, dry environment with temperatures between 0°C and 40°C, relative humidity below 80%, and free from corrosive gases.
- Shut down the machine, empty litter in the ball bin and waste in the collection bin
- Keep the power plug clean and avoid plugging or unplugging it with wet hands.
- Minor vibration and noise during the rotation of the litter compartment are normal.
- Keep strong magnetic devices away from the machine, as they may cause fire, damage, or malfunction.
- When moving the product, handle it gently and avoid dragging it.
- Do not place any objects on top of the machine, as this may interfere with its normal operation.
- Use only the specialized accessories provided by our company for this product.
- This device is not suitable for pets under 6 months of age or weighing less than 1.5kg to prevent sensor misdetection and potential accidents.



Package Contents

Please confirm that all components shown in the diagram are included in the package.



Device Main Body*1



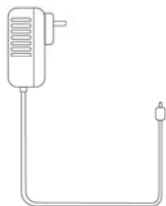
Waste Drawer*1



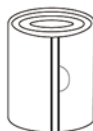
Support Legs*4



Litter Sifting Plate*1



Power Adapter*1



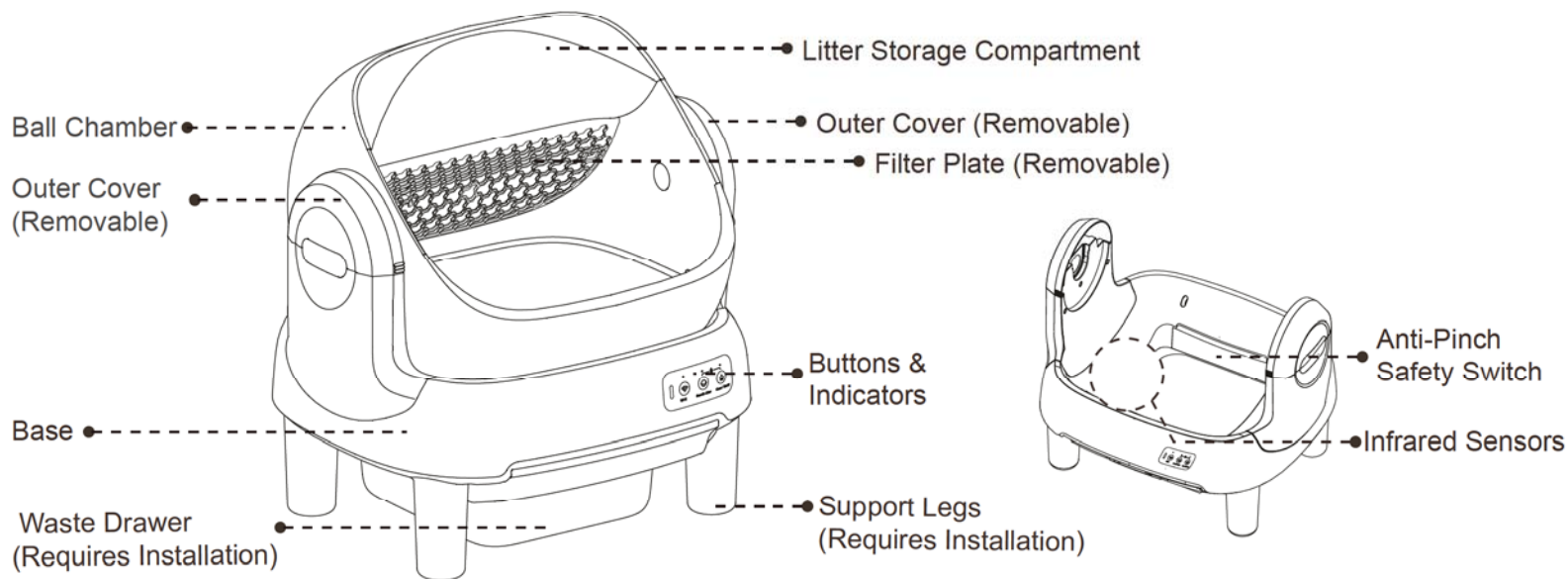
Garbage Bags*1



User Manual*1



Product Introduction



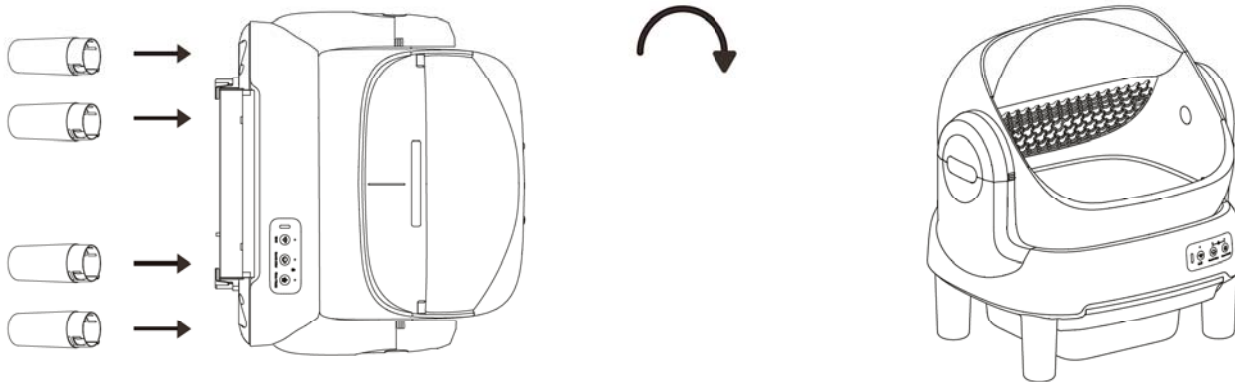
Working Principle

1. The self-cleaning cat litter box is equipped with multiple sensors to accurately detect when a cat uses the box. After the cat finishes, a 3-minute countdown starts (adjustable from 1-30 minutes via the APP). Once the countdown ends, the device operates automatically.
2. During operation, the filter plate separates waste from clean litter. Waste falls into the "waste drawer" at the bottom via gravity. The device then rotates in reverse to evenly redistribute clean litter from the storage compartment, ensuring a clean environment for the next use.
3. For routine maintenance, simply replace the garbage bag in the waste drawer every few days and replenish cat litter as needed.



Instructions for Use

1. Install the Support Legs



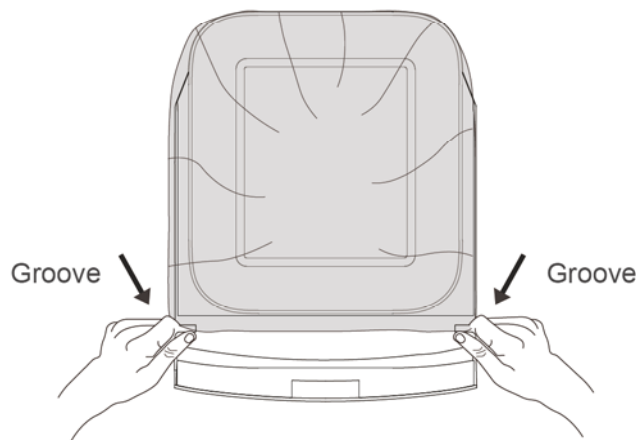
① Place the device on a soft, flat, clean surface. Insert the 4 support legs into the mounting holes at the bottom of the body one by one.

② After installing the support legs, place the device upright. Check that all legs are securely installed and the device is stable with no wobbling.

i Do not forcefully rotate the litter chamber. The device will automatically return to its initial position once powered on.

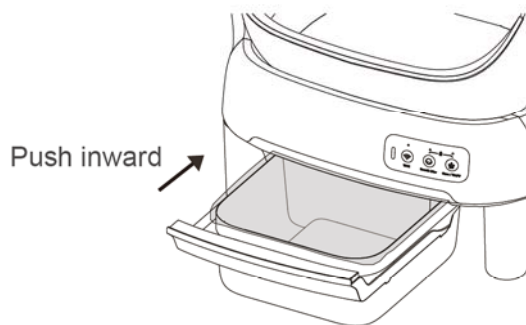
Instructions for Use

2. Fit the Waste Drawer with a Garbage Bag



Take one matching garbage bag, fit it over the waste drawer as shown, and tuck the edges of the bag into the fixed slots on the drawer.

3. Install the Waste Drawer

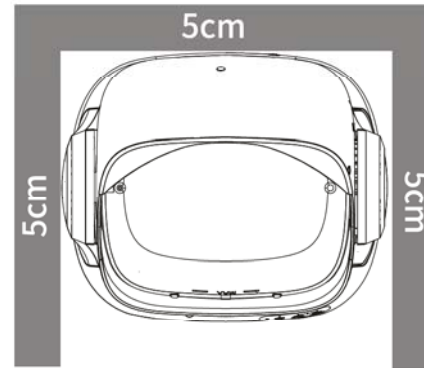
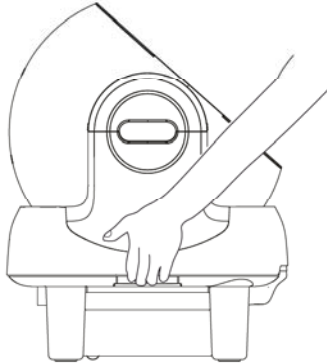


Slide the garbage bag-lined waste drawer back into the bottom of the device as shown. Align the garbage bag with the rope lock position.



Instructions for Use

4.Adjust the Position of the Cat Litter Box

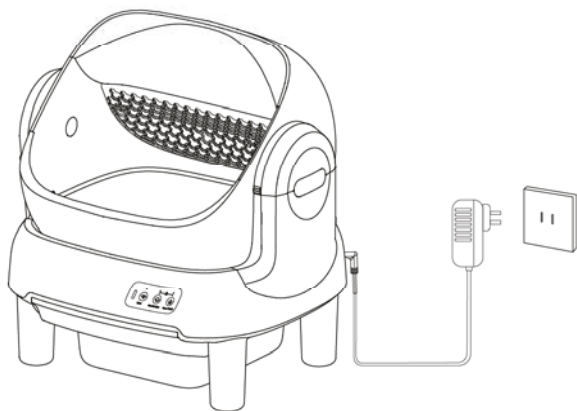


Hold the handle at the bottom of the device and carefully move it to the desired location.
After placement, ensure a minimum clearance of 5 cm around all sides of the device.

Notes: Place the device on a level surface, preferably in the same location as the old litter box or next to it.
Do not place the device outdoors. Keep it away from direct sunlight.

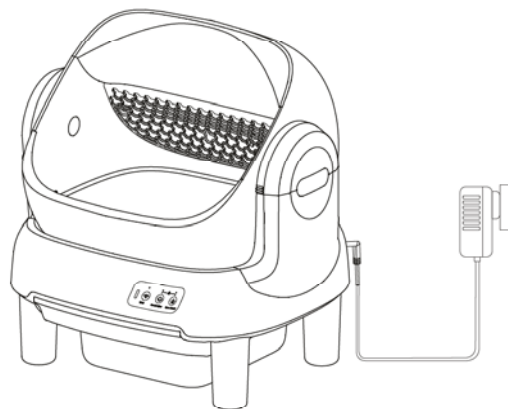
Instructions for Use

5. Connect the Power Supply



Plug in the power adapter. A long "beep~" sound indicates successful power connection.

6. Power On and Wait for the Device to Complete Self-Check



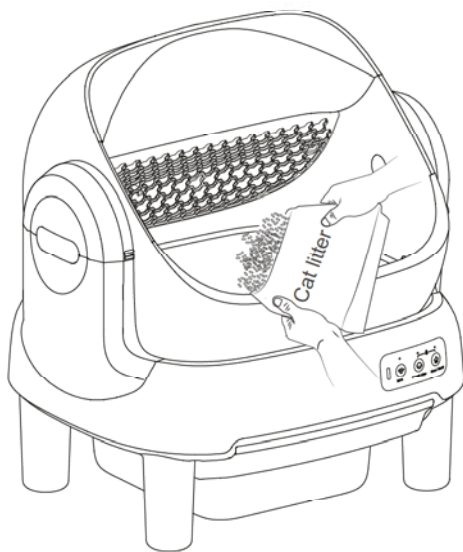
After a few seconds, the device will automatically enter the self-check program.

The entire self-check process takes approximately 180 seconds. Do not manually rotate the litter chamber during self-check. Keep cats away from the device to avoid interference.



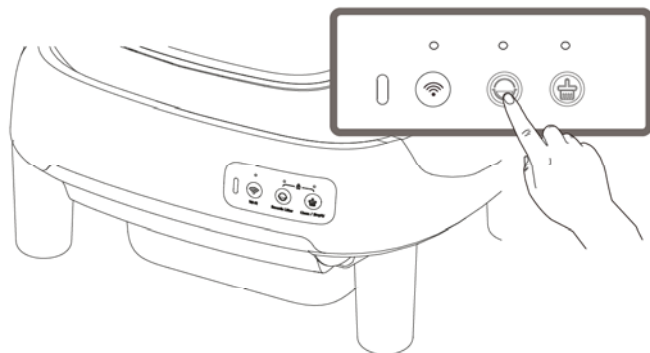
Instructions for Use

7.Add Cat Litter



Slowly and evenly pour cat litter onto the litter mat inside the ball chamber. Do not exceed the MAX fill line. Excess litter will be filtered into the waste drawer.

Recommended Litter: Mineral-based cat litter or bentonite cat litter.

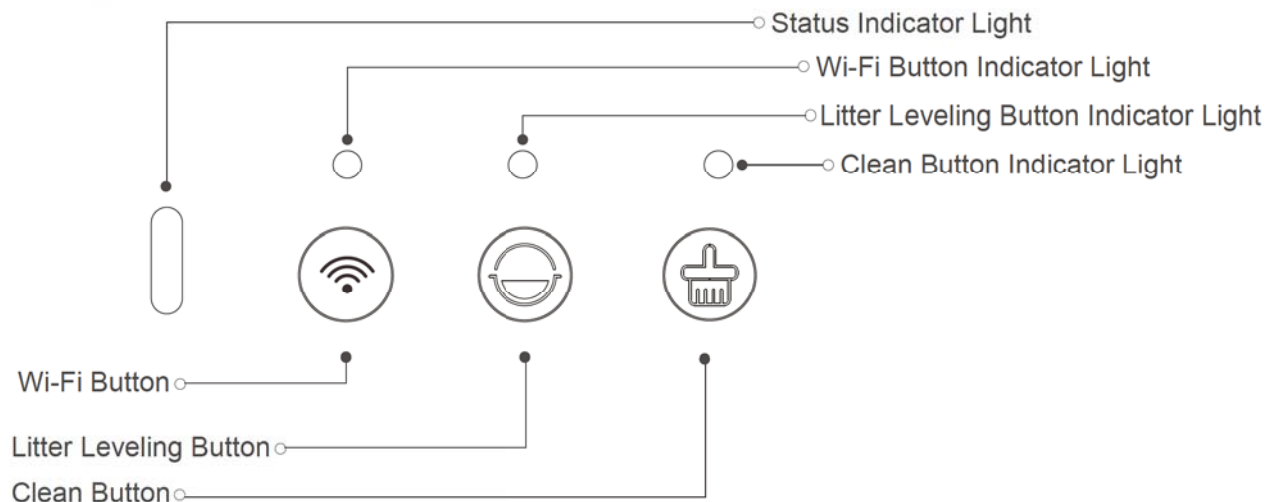


After completing the above steps, press the Litter Leveling Button  to level the litter automatically.



Instructions for Use

8.Indicator Lights & Button Functions



Indicator Light Status

 Status Indicator Light	Green light on steady: Child lock enabled	Device abnormality may be caused by the following reasons, please troubleshoot in time: 1.The ball bin outer cover is not installed in place. 2.A cat has entered the device.
	Red light on steady: Device abnormality	
	Blue light on steady: Connected to the network	
	Blue light flashing: Not connected to the network	



Instructions for Use

 Network Key Indicator	White light on steady: Connected to network
	White light flashing: Not connected to network
 Sand Stirring Key Indicator	White light on steady: Device stirring sand
 Cleaning Key Indicator	White light on steady: Device scooping/sifting sand

Button Functions

 Network Key	Press and hold for 3 seconds: Connect to network
 Sand Stirring Key	Single press: Start stirring sand; Press again to pause, automatically resume after 15 seconds
 Cleaning Key	Single press: Start scooping sand; Press again to pause, automatically resume after 15 seconds. Press and hold for 3 seconds: Start sifting sand
 Cleaning Key + Sand Stirring Key	Press and hold both simultaneously for 3 seconds: Enable/Disable child lock (Buttons will be ineffective when child lock is enabled)

APP Operation

1.Download & Connect the APP

1



Q Tuya

Download on the
App Store

GET IT ON
Google Play

Please scan the QR code to
download the APP.

2



Press and hold for 3 seconds
to connect to the network.

- (1).Scan the QR code or search for the “Tuya” APP in the App Store or Google Play to download it.
- (2).Open the APP and tap the “+” icon on the homepage to add a device. The device will enter manual pairing mode.
- (3).Wait for the “Device Found” prompt to appear, then tap “Add”.

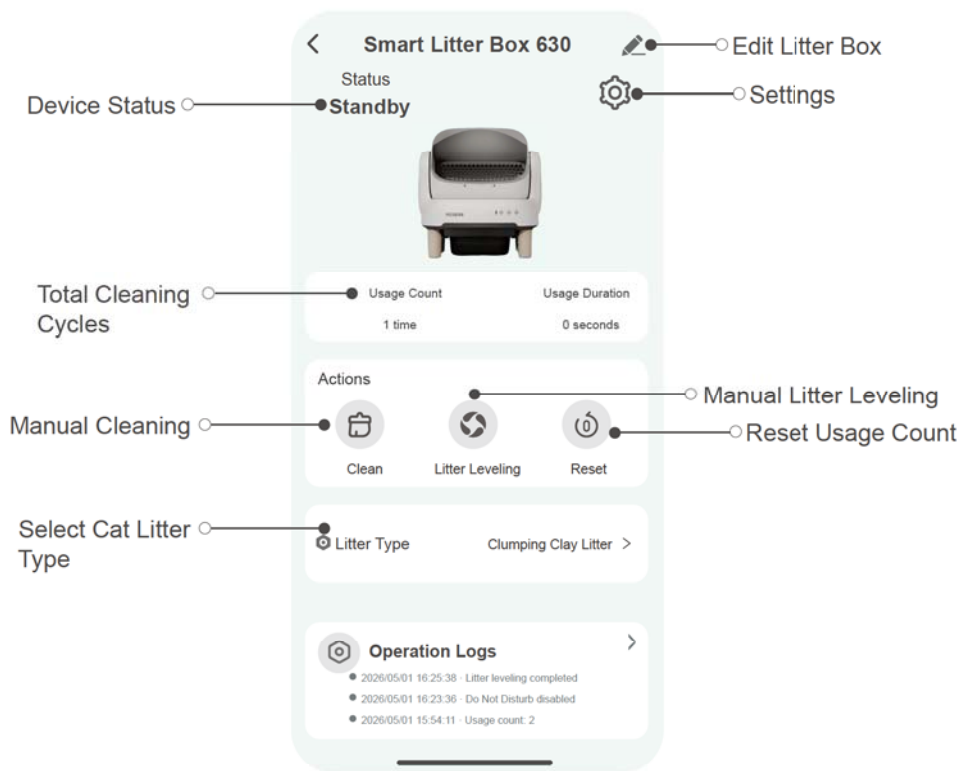
If the device is already connected to another phone, long press the Wi-Fi button for 3 seconds to reset the connection and re-pair.

Note: Enable Wi-Fi, Bluetooth, and precise location services on your phone during pairing.

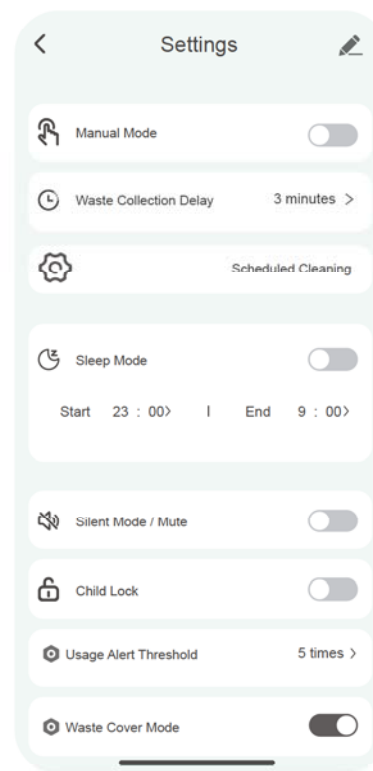


APP Operation

2.APP Interface Overview



Home Page



Settings Page



APP Operation

3.Cleaning Modes

-  **Manual Cleaning Mode** :For kitten protection. When enabled, the device will not perform automatic cleaning or scheduled cleaning functions.
-  **Delayed Cleaning Mode** :After each use by pet, the device will wait for a set period before automatically cleaning (default: 3 minutes). The delay time can be adjusted from 1 to 30 minutes.
-  **Scheduled Cleaning Mode** :The device will perform an automatic cleaning cycle at the set time.

4.Sleep Mode

When Sleep Mode is enabled, the litter box will not perform any automatic cleaning or induction operation during the set time period, ensuring quiet operation.

5.Usage Reminder

When the number of times your cat uses the litter box reaches the set value, the APP will send you a reminder. This alerts you to empty the waste drawer and replenish cat litter in a timely manner, preventing the drawer from becoming full and causing malfunctions. It also allows you to monitor your cat's bowel habits and detect potential health issues early.



APP Operation

6. "Bury Waste" Simulation Switch

When enabled, the litter box will simulate the cat's "burying waste" behavior before starting the cleaning cycle.

7. Common Operations



Clean

Manual Cleaning: Allows the user to manually trigger a complete cleaning cycle.



Litter Leveling

Manual Litter Leveling: Initiates the litter leveling program, which evenly distributes the cat litter and smooths the surface to restore the preset litter thickness.



Reset

Reset Usage Count: Clears the accumulated cat usage count data with one click and restarts counting.



Mute

Silent Mode On/Off: Toggles the device's noise mode. When enabled, the device reduces its operating speed to lower working noise.



Child Lock

Child Lock On/Off: When enabled, all physical buttons on the device are locked and require unlocking before operation.

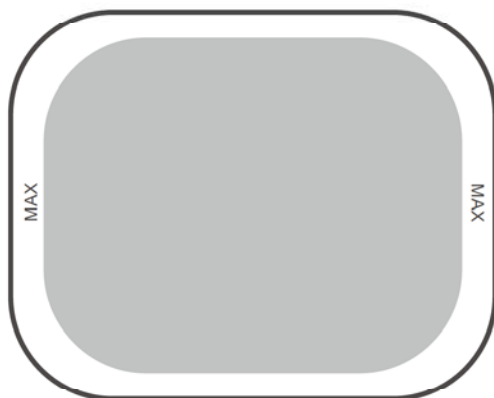
8. Notes

After the device is powered off and restarted, the manual mode, sleep mode, mute, child lock, and buried litter box switch in the APP settings will automatically restore to their factory default settings. Please reconfigure the above function parameters in the APP.

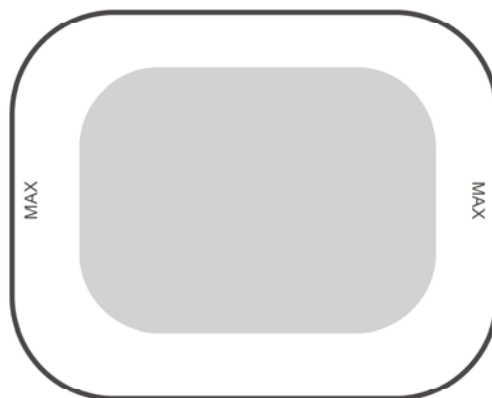


Daily Maintenance

1.Replenishing Cat Litter



Adequate Cat Litter Level



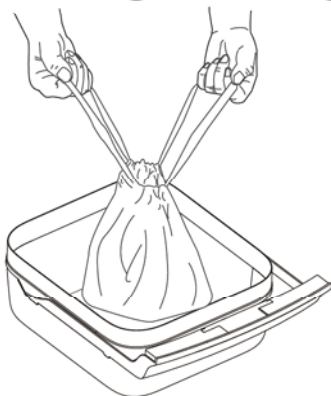
Insufficient Cat Litter Level

After each cleaning of the waste compartment:
Check the remaining cat litter inside the ball chamber and replenish it in a timely manner. Too little litter increases the risk of waste sticking to the bottom and may lead to stronger odors.

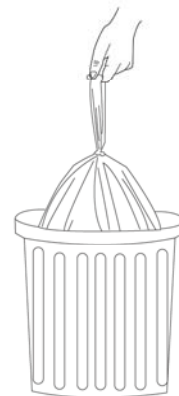
After adding litter,
press the Litter Leveling Button  to smooth out the cat litter.

Daily Maintenance

2.Replacing Garbage Bags



- ① Pull the drawstring of the garbage bag in the waste drawer to seal it.
(Do this slowly to avoid spilling clumps.)



- ② Dispose of the sealed bag in a trash bin. Fit a new garbage bag into the waste drawer and reinstall it into the device (refer to the initial setup instructions).

Recommended bag replacement frequency

Temperature	Small Cat/per cat	Large Cat/per cat	Multiple Cats
Below 30°C	≤5 days	≤3-5 days	≤1-3 days
Above 30°C	≤3-5 days	≤3 days	≤2 days

(For reference only; everything shall be subject to the actual situation)

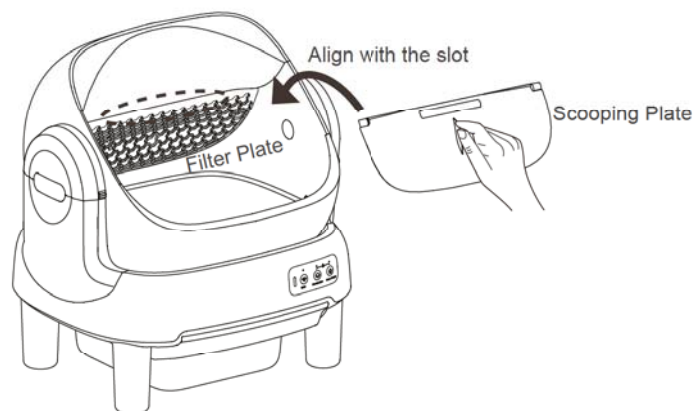
Pregnant women, infants, toddlers, and other immunocompromised individuals should avoid contact with cat waste, as it may contain *Toxoplasma*.

If a cat consumes high-fiber food, it may increase defecation frequency, shortening the bag replacement cycle. Kitten waste is softer than adult cat waste, which may more easily cause residue buildup inside the device. Wash your hands after handling used litter.



Daily Maintenance

3. Emptying All Cat Litter



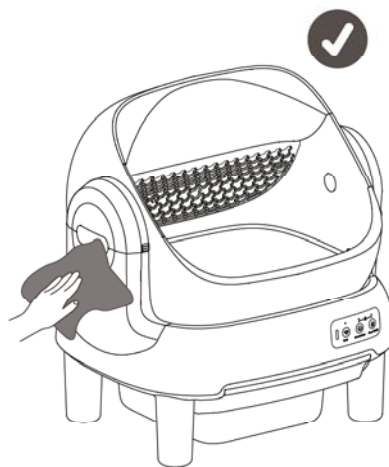
- ① Attach the sifting plate to the filter plate as shown.
- ② Long press the Clean Button  for 3 seconds to start the full sifting cycle.
All litter will be filtered into the waste drawer.
- ③ Remove the sifting plate, rinse it thoroughly, and let it air dry before reusing.

Daily Maintenance

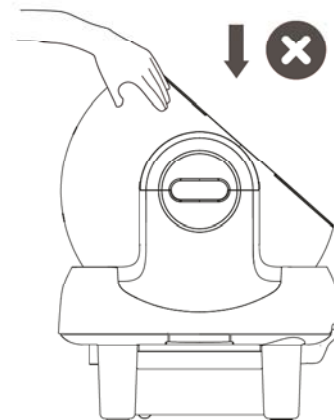
4.Exterior Cleaning



① Do not rinse the device directly with water.



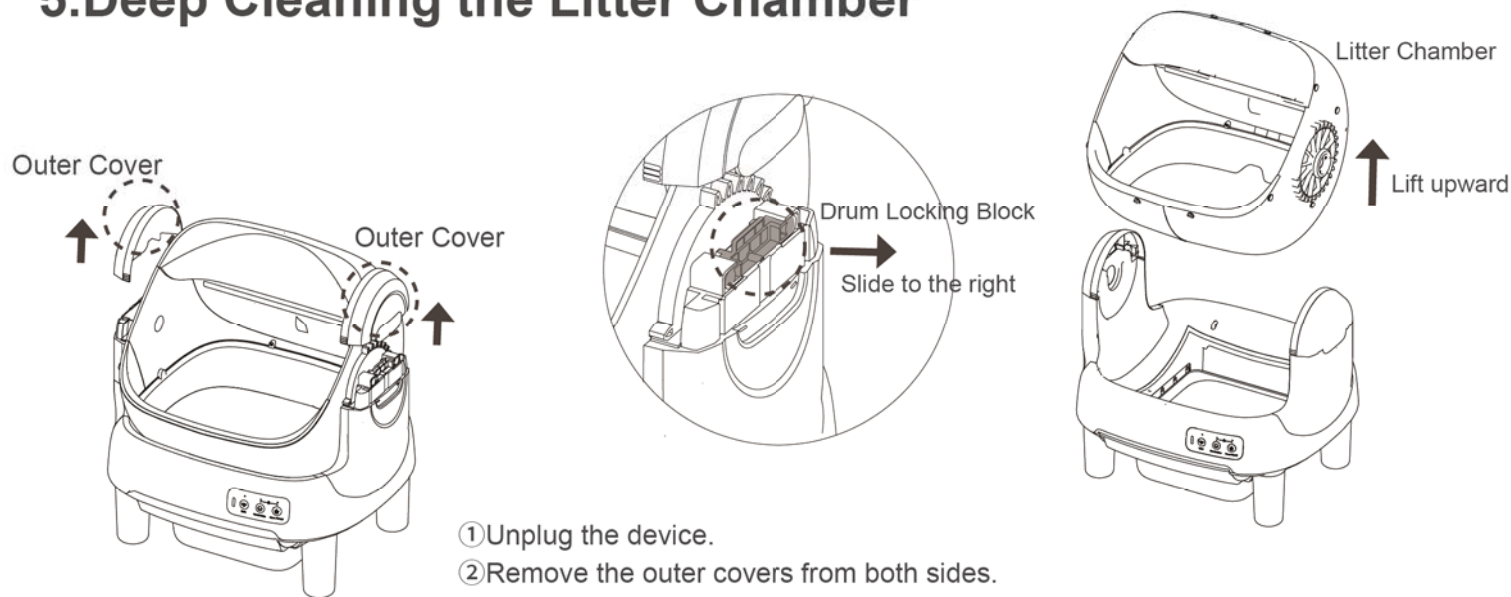
② Wipe dirt and dust off the exterior with a damp cloth.



③ Do not apply force to the litter chamber, as this may deform the ball chamber or gears.

Daily Maintenance

5. Deep Cleaning the Litter Chamber



- ① Unplug the device.
- ② Remove the outer covers from both sides.
- ③ Slide the roller lock to the right as indicated by the arrow.
- ④ Lift the ball chamber upward with both hands.
- ⑤ Clean the ball chamber (it is safe to rinse with water).

After cleaning and drying the ball chamber, align it with the base and lower it into place. Slide the roller lock back to the left, reinstall the outer covers, and test the device. The base and power adapter contain electrical components. They may only be wiped clean; never rinse or submerge them in water.



FAQs

Q: Can multiple cats share one self-cleaning litter box?

A: The device is designed for 1-2 cats. For households with more than 2 cats, it is recommended to provide at least one box for every two cats.

Q: Can kittens use this product?

A: The device is suitable for cats over 6 months old and weighing more than 1.5kg. If your cat does not meet these criteria, disable automatic cleaning or use the device unplugged.

Q: Is it dangerous if a cat enters the rotating chamber?

A: The device's sensors detect cats entering the chamber and immediately stop rotation. Operation resumes after the cat leaves, so there is no safety risk.

Q: What types of cat litter can I use?

A: Clumping litter such as mineral or bentonite cat litter is recommended for optimal cleaning performance.

Q: Will clean litter get sifted out with clumps?

A: This usually happens if too much litter is added. Reduce the amount of litter to avoid this issue.

Q: When should I replenish the cat litter?

A: Add more litter when the level drops below the MIN fill line.



Troubleshooting Guide

Indicator light does not turn on	Ensure the adapter is connected properly, the power supply is working, and the device is powered on.
Status indicator shows red light	1. Check that both outer covers are installed correctly. 2. The device stops and alarms if the cat enters the chamber or triggers the infrared sensors. 3. The chamber will retract and alarm if the mechanical anti-pinch switch is activated.
Buttons are unresponsive	Child Lock is enabled. Simultaneously long press the "Clean"  and "Litter Leveling" buttons  for 3 seconds to unlock.
Device malfunctions after moving the base	Unplug the power, ensure all four support legs are level, then reconnect the power.
Cannot find the device in the APP	Ensure Wi-Fi, Bluetooth, and location services are enabled on your phone. Use a 2.4GHz Wi-Fi network, move closer to the device/router, and confirm the device is powered by the original adapter.
Can find the device but fail to connect	Same steps as above. Move closer to the device/router and ensure it is powered by the original adapter.
Electrical failure	Contact customer service and have repairs performed by a qualified professional.



Product Specifications

Product Model	S-630
Rated Input	12V $\overline{\text{---}}$ 1A
operating Temperature	0°C-40°C
Material	ABS+PC
Waste Bin Capacity	8.9L
Litter Pad Capacity	4.5L
Product Dimensions	541*446*570mm
Net Weight	7.5KG



Warranty Service

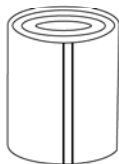
1. Please note that the following cases will require paid repairs, even if they occur during the warranty period:

- ① Malfunctions or damage resulting from misuse or human error;
- ② Damage caused by shipping or transportation;
- ③ Damage caused by pets (such as scratching or biting);
- ④ Damage due to natural disasters, including fire or earthquakes;
- ⑤ Malfunctions or damage from use beyond normal household purposes (e.g., outdoor use or environments unsuitable for the product);
- ⑥ Issues caused by the customer's usage environment (such as damp conditions) or improper use (e.g., exposure to water by humans or pets).

2. Should your product require replacement or repair, please contact us by locating your order details.

We are committed to providing professional assistance and solutions within 24 hours.

3. The following accessories are consumable and subject to wear over time; their performance may diminish with extended use.



Trash bags

FCC warning statements:

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.

The device has been evaluated to meet general RF exposure requirement 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 & your body.