

DOEL 65L Automatic Smart Self-Cleaning Cat Litter Box

DOEL 65L Automatic Smart Self-Cleaning Cat Litter Box User Manual

Model: 65L Automatic Smart Self-Cleaning Cat Litter Box

Brand: DOEL

1. INTRODUCTION

Welcome to the user manual for your DOEL 65L Automatic Smart Self-Cleaning Cat Litter Box. This device is engineered to provide a clean and hygienic environment for your cat with minimal effort. Please read this manual thoroughly before operation to ensure proper use, maintenance, and to maximize the lifespan of your product.

2. SAFETY INFORMATION

Important Safeguards

- Read all instructions carefully before using the appliance.
- Do not immerse the base unit in water. Only the barrel and removable components are designed for washing.
- Ensure the power cord is undamaged and positioned to prevent tripping hazards or pet interference.
- This appliance is intended for indoor household use only.
- Keep children and pets away from moving parts during operation.
- Use only clumping cat litter types recommended for automatic litter boxes.
- Always unplug the device from the power outlet before cleaning or performing any maintenance.
- Do not attempt to repair the device yourself. Contact customer support for any service needs.

Cat Safety Features

- The innovative integrated barrel and trash bin structure is designed to prevent cats from being trapped during operation.
- The base is equipped with an infrared detection radar and four gravity sensors. If a cat approaches or enters the litter box, the machine will immediately stop rotation to ensure the cat's safety.

3. PACKAGE CONTENTS

Please verify that all the following items are present in your package:

- DOEL Automatic Smart Self-Cleaning Cat Litter Box (Main Unit)
- Power Adapter
- Litter Mat (approximately 19.6 x 15.7 inches)
- Waste Bags (Starter Pack)
- User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your DOEL Smart Cat Litter Box.



Figure 1: Main unit of the DOEL Automatic Smart Self-Cleaning Cat Litter Box, featuring a cat inside, an accompanying litter mat, and a smartphone displaying the control application.

Quick Disassembly, Easy to Clean and Maintain Entrance

The entire litter box can be quickly disassembled to be cleaned except for the base. The bottom of the barrel is thoughtfully designed with two drainage holes for easy drainage. Cats can freely use the litter box.

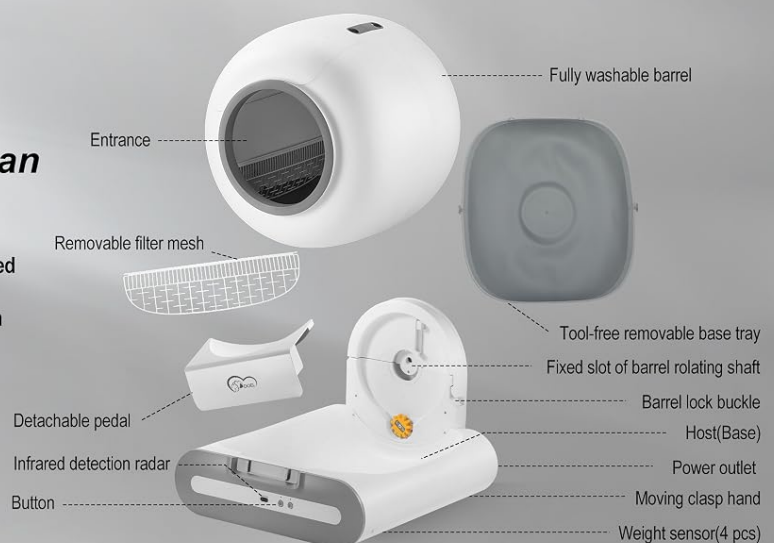


Figure 2: Exploded view of the DOEL Smart Cat Litter Box, highlighting key components such as the washable barrel, removable filter, detachable pedal, and the base unit with sensors.

Key Components:

- **Main Barrel:** The rotating compartment that holds the cat litter.
- **Base Unit:** Contains the motor, sensors, and control panel.
- **Waste Bin:** Located inside the barrel, designed to collect waste.
- **Control Panel:** Buttons on the base for manual operation.
- **Litter Mat:** Helps collect scattered litter from your cat's paws.
- **Power Port:** Connection point for the power adapter.

5. SETUP

1. **Unpack:** Carefully remove all components from the packaging.
2. **Placement:** Place the litter box on a flat, stable surface in a well-ventilated area. Ensure adequate space around the unit for proper operation and future cleaning.
3. **Assemble (if necessary):** The unit typically arrives largely pre-assembled. If any parts, such as the litter mat or waste bin, require insertion, refer to the quick start guide.
4. **Add Litter:** Pour clumping cat litter into the main barrel. Ensure the litter level is maintained between the MIN and MAX lines indicated inside the barrel. This device supports various litter types including Bentonite, Tofu, Mixed, and Mineral litter.
5. **Connect Power:** Plug the power adapter into the power port on the back of the base unit, then connect the adapter to a standard wall outlet. The device will power on and perform an initial calibration.
6. **App Connection (2.4G WIFI Only):**
 - Download the "DOEL Smart" app from your smartphone's app store.
 - Register an account and log in.
 - Follow the in-app instructions to add your DOEL Smart Cat Litter Box. The app supports automatic search for network connection. Ensure your Wi-Fi network is operating on the 2.4GHz band.



Figure 3: The DOEL Smart App interface, demonstrating various control and monitoring features for the litter box.

6. OPERATING INSTRUCTIONS

Control Panel Functions

The base unit features buttons for basic operations:

- **Power Button:** Turns the unit on or off.
- **Clean Button:** Initiates a manual cleaning cycle.
- **Empty Button:** Empties all litter into the waste bin, useful for full litter changes.

App Control and Monitoring

The DOEL Smart App provides comprehensive control and monitoring features:

- **Auto Cleaning:** Set schedules for automatic cleaning cycles based on your preferences.

- **Remote OTA Upgrade:** Update the device firmware for improved performance and access to new features.
- **Timing Cleaning:** Schedule specific cleaning times to suit your routine.
- **Sand Type Selection:** Select the type of cat litter used for optimized cleaning performance.
- **Health Monitoring:** Track toilet frequency and cat weight (via gravity sensors) to monitor your pet's health trends.
- **Notifications:** Receive alerts for cleaning cycles, full waste bin, or other status updates directly on your smartphone.

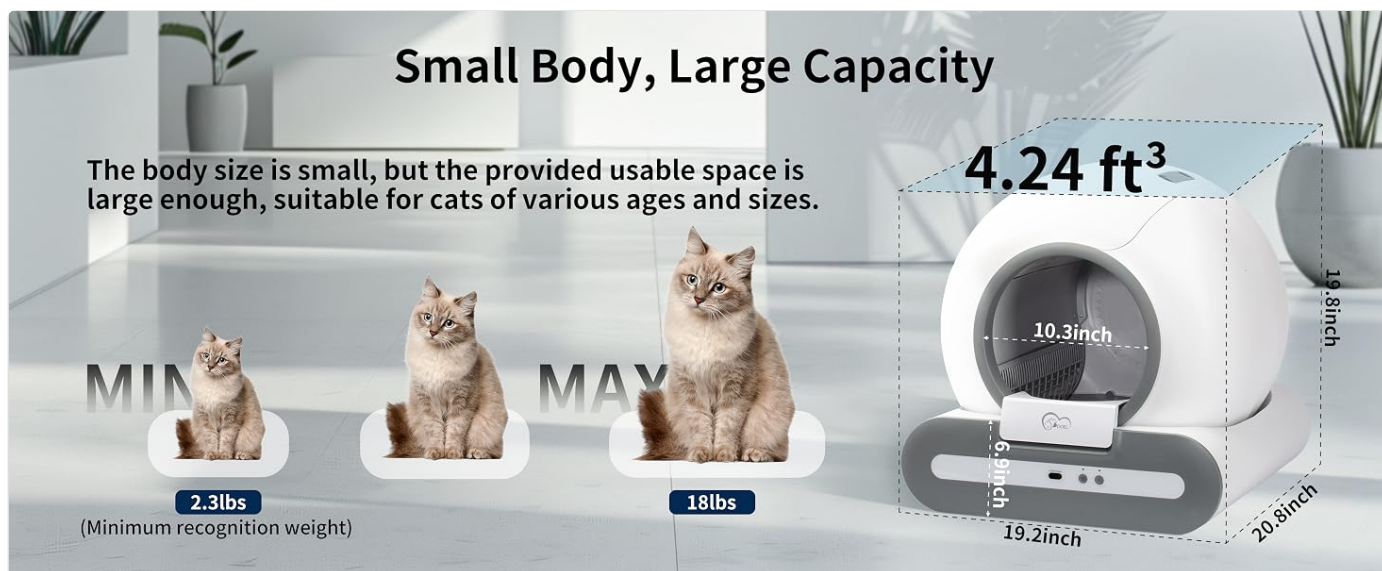


Figure 4: Remote control and monitoring of the litter box via the smartphone application.

Cleaning Cycle

After your cat uses the litter box, the device will wait for a user-defined delay (configurable in the app) to allow clumps to form. It will then rotate the barrel, sifting clean litter and depositing waste into the integrated waste bin. The waste bin's automatic flip door helps prevent odor leakage.

7. MAINTENANCE

Changing Waste Bags

The waste bin is located inside the barrel. When the app indicates the bin is full, or you observe it needs changing:

1. Ensure the unit is in standby mode or powered off.
2. Access the waste bin compartment (refer to the quick start guide for specific access instructions).
3. Remove the full waste bag and dispose of it responsibly.
4. Insert a new waste bag, ensuring it is properly seated and secured.
5. Close the waste bin compartment securely.

Regular Cleaning

For thorough cleaning, the DOEL Smart Cat Litter Box is designed for easy disassembly:

1. **Power Off:** Unplug the device from the power outlet.
2. **Remove Litter:** If performing a deep clean, empty all remaining litter from the barrel.

3. **Disassemble Components:**

- Remove the pedal located at the entrance.
- Open the buckle at the back of the barrel.
- Carefully lift and remove the entire barrel compartment from the base unit.
- The filter mesh and bottom tray (TPE) are also designed to be detachable without the need for tools.

4. **Washable Parts:** The barrel, filter mesh, and bottom tray can be washed with water and a mild detergent. Two drainage holes are thoughtfully provided at the bottom of the barrel for easy water drainage after washing.

5. **Base Unit:** The base unit contains electronic components and must **not** be immersed in water. Wipe it clean with a damp cloth only.

6. **Dry Thoroughly:** Ensure all washed components are completely dry before reassembly to prevent damage or malfunction.

7. **Reassemble:** Reattach all components in reverse order of disassembly. Ensure the barrel is securely buckled to the base.

Quick Disassembly, Quick Drying



Figure 5: Detachable components for convenient and thorough cleaning.

Easy to Clean



Figure 6: Illustration of the easy-to-clean, washable components of the litter box.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit not powering on	Power cord not connected; Power outlet malfunction	Ensure power cord is securely plugged into both the unit and the wall outlet. Test the outlet with another device to confirm it is functional.
Cleaning cycle not starting	Cat detected by sensors; Litter level too high/low; App settings preventing cycle	Ensure no cat is near or inside the unit. Adjust the litter level to be within the MIN/MAX indicators. Check app settings for cleaning schedules, delays, or paused operations.

Problem	Possible Cause	Solution
Litter not clumping properly / sticking to bottom	Litter type unsuitable; Insufficient delay before cleaning	Use high-quality, fast-clumping cat litter. Increase the cleaning cycle delay in the app (e.g., to 15 minutes or more) to allow clumps sufficient time to harden.
Odor leakage	Waste bin full; Waste bag not sealed; Unit needs cleaning	Change the waste bag promptly. Ensure the waste bag is properly installed and sealed within the bin. Perform a thorough cleaning of the entire unit, especially the barrel and waste bin area.
App connection issues	Incorrect Wi-Fi band; Weak signal; App not updated	Ensure your home Wi-Fi network is 2.4GHz. Move the unit closer to your Wi-Fi router for a stronger signal. Update the DOEL Smart app to the latest version. If issues persist, try re-pairing the device through the app.

9. SPECIFICATIONS

Feature	Detail
Brand	DOEL
Model	65L Automatic Smart Self-Cleaning Cat Litter Box
Product Dimensions	50.5 x 48.49 x 52.98 cm (Length x Width x Height)
Product Weight	7.26 kg
Barrel Capacity	65 Liters (approximately 2.3 cubic feet effective space)
Waste Bin Capacity	9 Liters
Material	Polypropylene (PP), Polystyrene (PS), Acrylonitrile Butadiene Styrene (ABS)
Connectivity	2.4G Wi-Fi (for APP control)
Safety Features	Infrared detection radar, 4 gravity sensors
Suitable for Cats	Up to 18 pounds
Entrance Height	6.9 inches

10. WARRANTY AND SUPPORT

Warranty Information

DOEL products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official DOEL website. It is recommended to keep your purchase receipt as proof of purchase for warranty claims.

Customer Support

If you encounter any issues, have questions regarding your DOEL Smart Cat Litter Box, or require technical assistance, please contact our customer support team.

- **Manufacturer:** DOEL
- **Place of Business:** Hefei Jiqu Network Technology Co., Ltd, Room 302, No. 16, Qiyun Road, Hefei Economic and Technological Development Zone, Anhui Province, China.
- **Telephone:** 19965499943 (Please note: This is a business contact number. For direct customer support, check the official DOEL website or in-app support.)
- **Online Support:** Refer to the DOEL official website or the in-app support section for frequently asked questions (FAQs) and additional contact options.

When contacting support, please have your product model and purchase date readily available to facilitate faster service.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question