

DOEL FRCT011

DOEL FRCT011 Self-Cleaning Smart Cat Litter Box User Manual

Model: FRCT011 | Brand: DOEL

1. INTRODUCTION

Thank you for choosing the DOEL FRCT011 Self-Cleaning Smart Cat Litter Box. This innovative device is designed to provide a clean and comfortable environment for your cat while simplifying litter maintenance for you. It features automatic cleaning, smart app control, and multiple safety mechanisms to ensure your pet's well-being. Please read this manual thoroughly before use to ensure proper operation and maintenance.



Figure 1: Overview of the DOEL FRCT011 Self-Cleaning Smart Cat Litter Box with its accompanying mobile application.

2. SAFETY FEATURES

The DOEL FRCT011 is equipped with advanced safety features to protect your cat during operation:

- **Integrated Barrel and Waste Bin Structure:** The innovative design prevents cats from getting trapped, even if the waste bin compartment is not equipped with sensors.
- **Infrared Detection Radar:** The base features an infrared detection radar that immediately pauses the machine if a cat approaches or enters the litter box.
- **Four Gravity Sensors:** Four series of gravity sensors detect when a cat is inside the litter box, stopping rotation instantly to prevent injury.

Tonneau et poubelle intégrés Ne jamais serrer le chat

La poubelle se trouve à l'intérieur du baril et, pendant le fonctionnement, elle ne forme pas d'orifice de cisaillement pour le chat, ce qui élimine complètement le risque de pincement du chat



Figure 2: Integrated barrel and waste bin design to prevent pinching.

Simple et Direct, Aucune Étape Supplémentaire Nécessaire



Il suffit d'une action simple d'ouverture et de fermeture pour changer le sac poubelle.



Retirez la pédale, ouvrez la boucle et la poubelle peut être entièrement lavée.

Il suffit d'essuyer la base pour éviter d'endommager les composants électroniques.

Figure 3: Illustration of the four gravity sensors for enhanced safety.

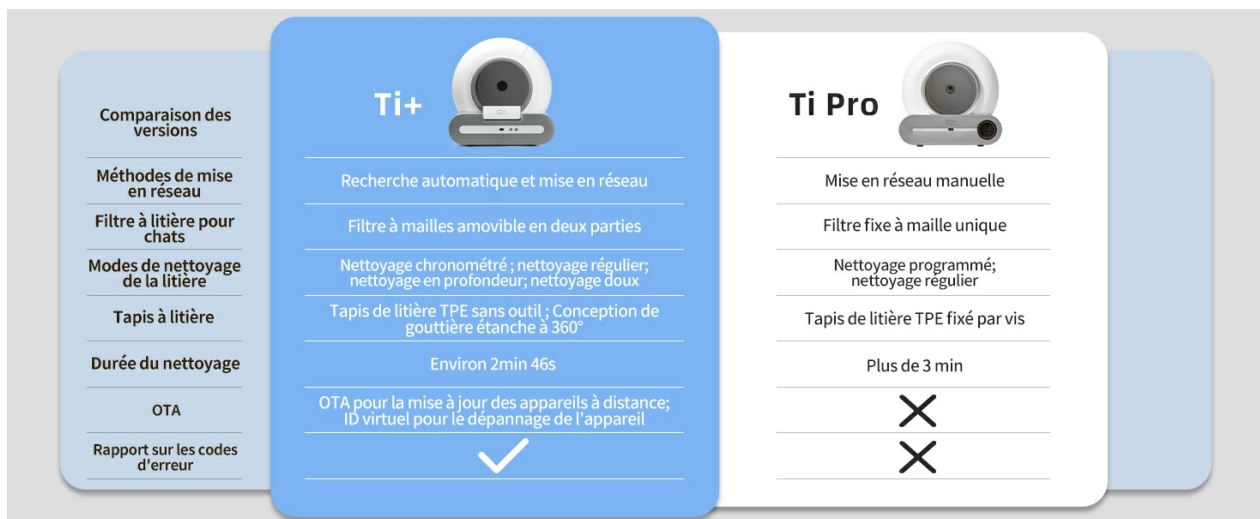


Figure 4: Infrared detection radar for immediate pause when a cat is detected.

3. SETUP

Follow these steps to set up your DOEL FRCT011 Smart Cat Litter Box:

1. **Unpack the Device:** Carefully remove all components from the packaging.
2. **Place the Litter Box:** Position the litter box on a flat, stable surface indoors.
3. **Install Waste Bag:** Open the top lid, secure a waste bag in the designated compartment, ensuring it is properly clipped.
4. **Add Cat Litter:** Fill the main compartment with an appropriate type of cat litter (see Section 4.2 for compatibility).
5. **Connect Power:** Plug the power adapter into the litter box and then into a wall outlet.
6. **Download the App:** Download the "Tuya Smart" app from your smartphone's app store (available for iOS and Android).
7. **Pair the Device:** Open the Tuya Smart app, create an account or log in, and follow the in-app instructions to add your Smart Cat Litter Box (FRCT011). Ensure your phone is connected to a 2.4G WiFi network during pairing.

4. OPERATING INSTRUCTIONS

4.1 Smart App Control (2.4G WiFi Only)

The Tuya Smart app provides comprehensive control and monitoring features:

- **Automatic Network Connection:** The app automatically searches for and connects to the device.
- **Mode Selection:** Choose from various cleaning modes and customize settings.
- **Pet Health Monitoring:** View toilet frequency statistics to monitor your pet's health.
- **Remote Control:** Control the litter box from anywhere.

- **OTA Updates:** Receive over-the-air firmware updates for improved functionality.



Figure 5: The Tuya Smart app interface for controlling and monitoring the litter box.

4.2 Litter Compatibility

The DOEL FRCT011 is compatible with various types of clumping cat litter. For optimal performance, use litter with good clumping properties. You can select the litter type in the app for precise cleaning.

- Bentonite litter
- Tofu litter
- Mixed litter
- Mineral litter

Convient à tous les types de litière pour chats

Choisir le mode de nettoyage correspondant dans l'application, nettoyer plus facilement, plus économiquement la litière pour chat

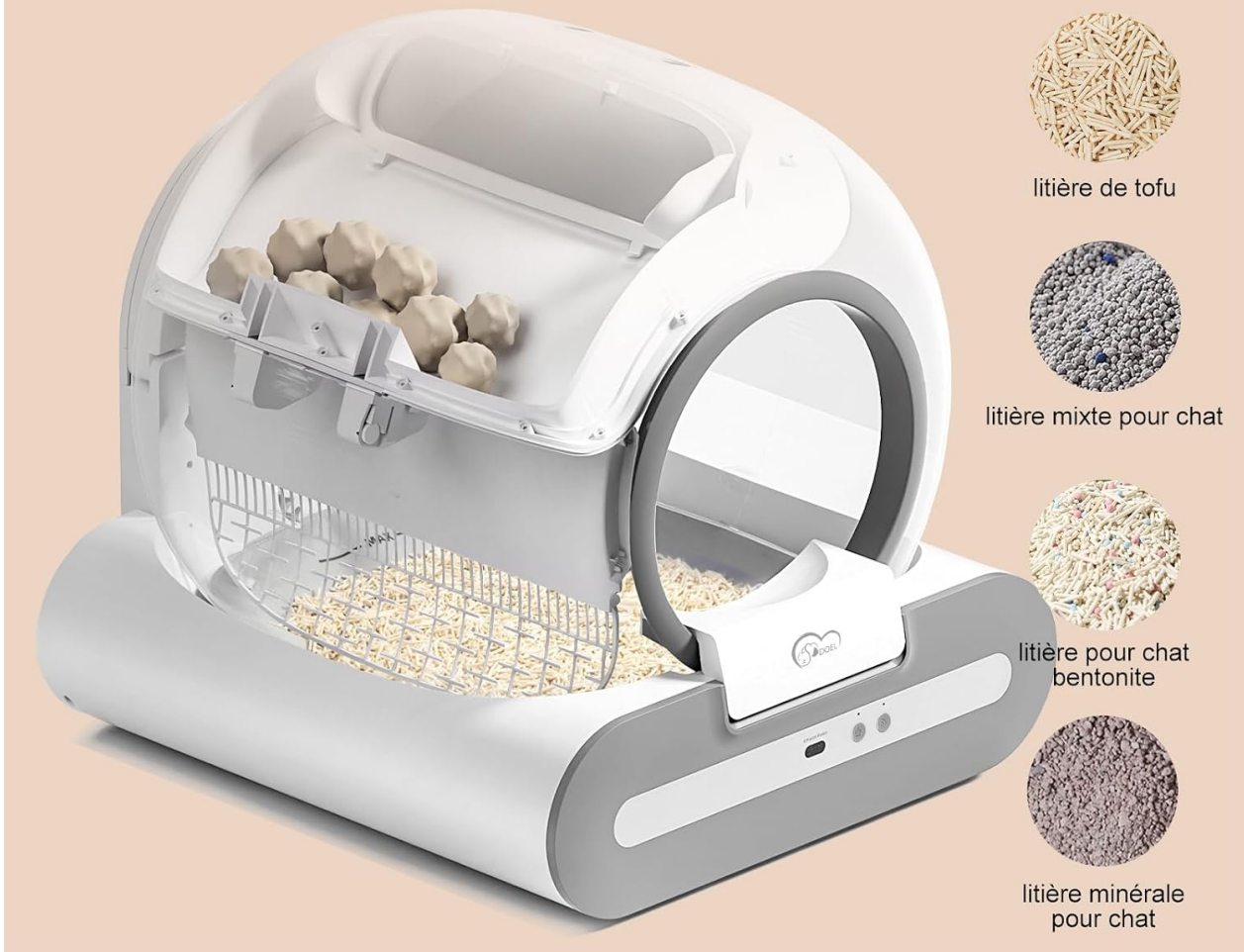


Figure 6: The litter box is compatible with various types of cat litter.

5. MAINTENANCE

Regular cleaning and maintenance ensure the longevity and hygiene of your litter box.

5.1 Waste Disposal

The litter box features a spacious 56-liter internal capacity, allowing for extended periods between waste bag changes, up to 15 days depending on usage.



Figure 7: The litter box can hold waste for up to 15 days.

To change the waste bag:

1. Lift the top lid of the waste compartment.
2. Unclip the full waste bag and tie it securely.
3. Remove the full bag and dispose of it.
4. Place a new waste bag, ensuring it is properly secured with the clips.
5. Close the top lid.



Figure 8: Simple and direct waste bag replacement.

5.2 Deep Cleaning

The DOEL FRCT011 is designed for easy disassembly and deep cleaning:

- The TPE bottom tray and T-shaped filter are removable without tools.
- The entrance pedal can also be detached.
- To remove the entire bucket compartment for deep cleaning, detach the pedal and open the buckle at the rear.
- Two drainage holes at the bottom of the bucket compartment facilitate residual water removal after washing.
- Wipe the base to avoid damaging electronic components.

Démontage et séchage rapides



Figure 9: Quick disassembly for thorough cleaning.



Figure 10: Removable components are easy to wash.



Figure 11: Exploded view for quick disassembly and easy maintenance.

5.3 Leakage Prevention

The litter box incorporates design optimizations to prevent leaks:

- **360° Waterproof Circular Rim:** Effectively prevents urine leakage.
- **Entrance Pedal:** Facilitates cat entry and exit while minimizing litter tracking.
- **Automatic Swing Door:** Closes during cleaning to prevent litter leakage and odor spread.
- **Litter Mat:** A 50x40cm litter mat is included to collect scattered litter and keep the floor clean.



Figure 12: Enhanced design for effective liquid leakage prevention.

6. SPECIFICATIONS

Feature	Detail
Model Number	FRCT011
Brand	DOEL

Feature	Detail
Dimensions (L x W x H)	53 x 48.5 x 50.5 cm
Product Weight	7.2 kg
Internal Capacity	56 Liters
Suitable for Cats Up To	8 kg
Entrance Height	15 cm
Color	White
Material	Plastic
Special Features	Self-cleaning, Automatic, App Monitoring, Triple Safety
Connectivity	2.4G WiFi
Batteries Required	No



Figure 13: Product dimensions and compact design.



Figure 14: Suitable for cats weighing between 1kg and 8kg.

7. TROUBLESHOOTING

If you encounter any issues with your DOEL FRCT011 Smart Cat Litter Box, please refer to the following common solutions:

- **Device Not Connecting to App:** Ensure your smartphone is connected to a 2.4G WiFi network. Check if the litter box is powered on and in pairing mode. Restart both the device and your phone, then attempt pairing again.
- **Cleaning Cycle Not Starting:** Verify that no cat is currently inside or near the litter box, as safety sensors will prevent operation. Check for any obstructions in the barrel. Ensure the waste bin is correctly installed.
- **Litter Leakage:** Confirm that the 360° waterproof rim is clean and free of debris. Ensure the entrance pedal is properly attached. Check that the automatic swing door is functioning correctly.
- **Unusual Noises:** Turn off the device and inspect the interior for any foreign objects or obstructions. Ensure all removable parts are correctly assembled.
- **Inaccurate Weight Readings:** Ensure the litter box is placed on a flat, stable surface. Recalibrate the capacity via the app if necessary.

For persistent issues, please contact customer support.

8. WARRANTY AND SUPPORT

The DOEL FRCT011 Smart Cat Litter Box comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. For technical support, replacement parts, or any other inquiries, please contact DOEL customer service through the contact information provided on the product packaging or the official DOEL website.

