

Ultrean PM--003L

Ultrean Rechargeable Electric Salt and Pepper Grinder

Model: PM--003L

INTRODUCTION

Thank you for choosing the Ultrean Rechargeable Electric Salt and Pepper Grinder. This automatic grinder is designed for convenience and precision, featuring adjustable coarseness settings, an integrated LED light, and a rechargeable battery. Please read this manual thoroughly before use to ensure proper operation and maintenance.

This manual covers the Crimson Red model, PM--003L, and is applicable to other color variants with identical functionality.

SAFETY INSTRUCTIONS

- Keep out of reach of children.
- Do not immerse the motor unit in water or any other liquid.
- Do not use abrasive cleaners or scouring pads to clean the unit.
- Ensure the charging port is dry before connecting the charging cable.
- This product is not dishwasher safe. Refer to the 'Maintenance & Cleaning' section for proper cleaning instructions.
- Use only the provided charging cables or compatible Type-C cables.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support if issues arise.

PRODUCT OVERVIEW

Included Components:

- 2 x Electric Salt and Pepper Grinder
- 2 x USB Type-C Charging Cables
- 1 x Cleaning Brush
- 1 x User Manual

Key Features:

- **One-Handed Operation:** Simple push-button activation for effortless grinding.
- **Adjustable Coarseness:** 6 grind settings with a durable ceramic core, from fine to coarse.
- **Rechargeable Battery:** Built-in 500mAh battery with convenient Type-C charging.
- **LED Light:** Illuminates the grinding area for precise seasoning.
- **Large Capacity:** 70ml food-grade container reduces frequent refills.
- **Washable Container:** Detachable and washable spice container to prevent flavor mixing.



Figure 1: Exploded view illustrating the internal components and materials of the Ultrean Electric Grinder, including the ABS+PC housing, food-safe transparent container, stainless steel shaft, and ceramic grinding mechanism.

SETUP

1. Charging the Grinder

Before first use, fully charge the grinder. The charging time is approximately 60 minutes.

1. Locate the Type-C charging port on the top of the grinder.
2. Connect one end of the provided USB Type-C cable to the grinder's charging port.
3. Connect the other end of the cable to a compatible USB power source (e.g., wall adapter, computer USB port).
4. An indicator light will show charging status (e.g., red for charging, green/blue for fully charged).

6 Levels of Grinding Coarseness



Figure 2: The Ultrean Electric Grinder connected via its Type-C port for charging, highlighting its rechargeable feature.

2. Filling the Spice Container

1. Hold the top part of the grinder and twist the transparent spice container counter-clockwise to unlock and detach it. Refer to the lock/unlock icons on the unit.
2. Fill the container with your desired whole spices (e.g., peppercorns, coarse salt). Do not overfill beyond the 70ml capacity.
3. Align the container with the motor unit and twist clockwise until it locks securely into place.

6 Levels of Grinding Coarseness



Figure 3: Step-by-step guide for filling the grinder: 1. Twist open the chamber. 2. Add spices. 3. Adjust coarseness. 4. Press to grind.

3. Adjusting Grinding Coarseness

The grinder offers 6 levels of coarseness adjustment.

1. Turn the adjustment knob located at the bottom of the grinder.
2. Rotate clockwise for finer grind settings (up to 25 microns).
3. Rotate counter-clockwise for coarser grind settings.
4. Test the grind on a surface to find your preferred coarseness.

6 Levels of Grinding Coarseness

Caters to Your Diverse Culinary Tastes



Figure 4: Detailed view of the grinder's base, indicating the LED light and the coarseness adjustment mechanism with visual examples of six grind levels.

OPERATION

1. Ensure the grinder is charged and filled with spices.
2. Remove the protective cap from the bottom of the grinder.
3. Hold the grinder over your food or dish.

4. Press and hold the power button located on the top of the unit. The LED light will illuminate, and the grinder will begin to dispense spices.
5. Release the button to stop grinding.
6. Replace the protective cap after use to prevent mess.

Ultrean Electric Salt and Pepper Grinder Set

- ☀ Perfect kitchen decoration
- 🏠 Grinding speed upgrade
- 🔋 Rechargeable Battery
- 👉 Effortless one-Handed Operation
- 📁 A perfect gift for any holiday



Figure 5: The Ultrean Electric Grinder in use, showcasing its one-touch operation and ergonomic design for effortless seasoning.

Video 1: Official product video demonstrating the Ultrean Electric Pepper Grinder in action, highlighting its ease of use and automatic grinding function.

MAINTENANCE & CLEANING

Regular cleaning ensures optimal performance and hygiene.

1. **Emptying:** Ensure the spice container is empty before cleaning.
2. **Disassembly:** Twist and detach the transparent spice container from the motor unit.
3. **Cleaning the Container:** The spice container can be washed with warm, soapy water. Rinse thoroughly and ensure it is completely dry before reassembling to prevent moisture from affecting spices or the grinding mechanism.
4. **Cleaning the Grinding Mechanism:** Use the provided cleaning brush to remove any residual spice particles from the ceramic grinding core and surrounding areas. Do not rinse the motor unit or the grinding mechanism directly under water.
5. **Wiping the Exterior:** Wipe the exterior of the motor unit with a damp cloth. Do not use harsh chemicals.
6. **Reassembly:** Once all parts are clean and dry, reassemble the grinder by aligning the container and twisting clockwise until it locks.

Washable



Easy to clean



Cleaning brush included



Figure 6: The detachable spice container being washed under running water, emphasizing its easy-to-clean design.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Grinder does not operate.	Low battery.	Charge the grinder fully (approx. 60 minutes).
	Spice container not securely attached.	Ensure the container is twisted and locked into place.
Grinding is inconsistent or stops.	Spices are jammed in the mechanism.	Empty the container and use the cleaning brush to clear any blockages.
	Low battery.	Charge the grinder.

Problem	Possible Cause	Solution
LED light does not turn on.	Low battery.	Charge the grinder.
	Unit malfunction.	Contact customer support.

SPECIFICATIONS

- **Model Number:** PM--003L
- **Material:** Ceramic, Plastic, Stainless Steel
- **Color:** Crimson Red (other colors available)
- **Operation Mode:** Automatic
- **Grind Settings:** 6 adjustable levels
- **Battery Capacity:** 500mAh
- **Charging Port:** USB Type-C
- **Container Capacity:** 70ml
- **Dishwasher Safe:** No
- **UPC:** 850063469470

WARRANTY & SUPPORT

Ultrean products are designed for durability and performance. For any questions, concerns, or warranty claims, please contact our dedicated customer support team. We are committed to ensuring your satisfaction.

You can find more information and contact details on the official Ultrean website:[Ultrean Official Store](#)