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## KomeStone K5 Rock Tumbler Kit

# KomeStone K5 Rock Tumbler Instruction Manual

Model: K5 Rock Tumbler Kit

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## INTRODUCTION

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This manual provides instructions for the safe and effective operation of your KomeStone K5 Rock Tumbler. Please read all instructions carefully before use to ensure proper functioning and to achieve optimal results in polishing your gemstones.



Image: The KomeStone K5 Rock Tumbler, showing its main components.

## WHAT'S IN THE BOX

Your KomeStone K5 Rock Tumbler kit includes the following components:

- **Tumbler Base:** The main unit housing the motor and controls.
- **Durable Rubber Barrel:** For holding rocks and grit during the tumbling process.
- **0.5 lb Assorted Rough Gemstones:** A selection of stones to begin your first tumbling cycle.
- **4 Polishing Grits:** Coarse, medium, fine, and polish grits for different stages of tumbling.
- **Sifter:** For separating rocks from used grit and sludge.
- **Jewelry Findings:** Components for creating jewelry from your polished stones.
- **2 Spare Belts:** Replacement drive belts for the tumbler.
- **Full-Color Step-by-Step Guide:** A detailed manual for operation.

# What's in The Box?



- 1 Rock Tumbler Kit   2 Full-Color Manual   3 0.5LB Rough Gemstones   4 Mesh Strainer  
5 Screwdriver   6 4 Polishing Grits   7 Jewelry Fastenings   8 2 Belts

Image: All components included in the KomeStone K5 Rock Tumbler kit.

## SETUP

- 1. Unpack Components:** Carefully remove all items from the packaging and ensure all listed components are present.
- 2. Placement:** Place the tumbler base on a stable, flat surface. Ensure there is adequate space around the unit for ventilation and operation.
- 3. Install Barrel:** Position the rubber barrel onto the rollers of the tumbler base. Ensure it sits securely.
- 4. Connect Power:** Plug the power adapter into the tumbler and then into a standard electrical outlet.
- 5. Safety Cover:** Place the clear safety cover over the tumbler base and barrel. This cover helps reduce noise and prevents accidental contact during operation.

# Designed for Kids - Quieter and Safer

Up to 85% Quieter Than Others



Safe For Kids –  
Certified Non-Toxic  
And Family Friendly



1 Noise-Reducing Cover



2 Tire Rubber Barrel

Image: The KomeStone K5 Rock Tumbler demonstrating its noise-reducing cover and durable rubber barrel.

## OPERATING INSTRUCTIONS

The KomeStone K5 Rock Tumbler features digital controls for precise operation. Follow these steps for each tumbling stage:

### 1. Preparing the Barrel

1. **Add Rocks:** Place your rough gemstones into the rubber barrel. Fill the barrel approximately 2/3 full with rocks.
2. **Add Grit:** Refer to the included step-by-step guide for the correct amount of grit for the current tumbling stage (Coarse, Medium, Fine, or Polish). Add the specified grit to the barrel.
3. **Add Water:** Add water to the barrel until it just covers the rocks and grit. Do not overfill.
4. **Seal Barrel:** Securely close the barrel lid to prevent leaks during operation.

# Gem-Making Is as Easy as 1-2-3!

Includes a Full-Color Step-by-Step Starter Guide



Image: Steps for loading the tumbler barrel with rocks, grit, and water.

## 2. Digital Controls

- **ON/OFF Button:** Press to start or stop the tumbling cycle.
- **PAUSE/RESUME Button:** Allows you to temporarily stop the cycle and resume it later without losing your settings.
- **Timer Controls (+/-):** Adjust the tumbling duration from 1 to 9 days. The display shows the remaining days.
- **Speed Controls (+/-):** Select one of 3 speed settings (1, 2, or 3) for the tumbling action.
- **Memory Function:** The tumbler automatically remembers the last set timer and speed settings, resuming from where it left off after a pause or power interruption.
- **Auto Shut-Off:** The tumbler will automatically stop once the set timer duration is complete.

Your browser does not support the video tag.

Video: Demonstration of the KomeStone K5 rock tumbler in operation, showcasing its quiet performance and digital controls.

## 3. Tumbling Process

1. **Set Timer and Speed:** Use the +/- buttons to set the desired number of days and speed for the

current grit stage. Consult your step-by-step guide for recommended settings.

2. **Start Tumbling:** Press the ON/OFF button to begin the tumbling cycle.
3. **Monitoring:** Periodically check the tumbler for proper operation. The noise-reducing design minimizes sound, but ensure the barrel is rotating smoothly.
4. **Changing Grits:** After each stage is complete, turn off the tumbler, remove the barrel, and carefully empty its contents into the sifter. Rinse the rocks and the barrel thoroughly to remove all traces of the previous grit before proceeding to the next stage. *It is crucial to prevent mixing grits.*
5. **Repeat:** Follow the process for all four grit stages to achieve polished gemstones.

## MAINTENANCE

- **Cleaning the Barrel:** After each tumbling stage, thoroughly clean the inside and outside of the rubber barrel with water to remove all grit residue.
- **Cleaning the Base:** Wipe down the tumbler base and rollers with a damp cloth. Ensure no grit or water enters the motor housing.
- **Belt Inspection:** Regularly inspect the drive belts for wear and tear. If a belt appears stretched, cracked, or broken, replace it with one of the provided spare belts.
- **Storage:** When not in use, store the tumbler in a clean, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Tumbler not turning on.	Power cord not properly connected; power outlet not active.	Check power connections. Test the outlet with another device.
Barrel not rotating.	Drive belt is loose, broken, or dislodged; barrel overloaded.	Inspect and adjust/replace the drive belt. Reduce the amount of rocks in the barrel.
Excessive noise during operation.	Barrel not seated correctly; foreign object in the mechanism; worn belt.	Ensure the barrel is properly seated on the rollers. Check for obstructions. Inspect and replace the drive belt if worn.
Rocks not polishing as expected.	Incorrect grit usage; insufficient tumbling time; barrel not sealed properly.	Review the step-by-step guide for correct grit application and recommended tumbling times. Ensure the barrel lid is tightly sealed.

## SPECIFICATIONS

- **Brand:** KomeStone
- **Model Number:** K5 Rock Tumbler Kit (RTK5-260121-05)
- **Educational Objective:** STEM
- **Manufacturer Minimum Age:** 72 months (6 years)
- **Item Dimensions (L x W x H):** 11.42 x 7.72 x 7.68 inches
- **Unit Count:** 1.0 Count
- **Assembly Required:** No

## WARRANTY AND SUPPORT

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Your KomeStone K5 Rock Tumbler comes with a **1-Year Warranty**. This warranty covers manufacturing defects and ensures long-term use of your product.

Additionally, a **30-Day Free Trial** is included. If you encounter any issues or have questions, please contact our **US-based customer support**. Replacement parts, including extra belts, are available and can be requested from our customer center at no additional cost.

For assistance, please refer to the contact information provided in your full-color step-by-step guide or visit the official KomeStone website.