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KomeStone K1

KomeStone K1 Professional Rock Tumbler Kit Instruction Manual

Model: K1

Brand: KomeStone

INTRODUCTION

Welcome to the KomeStone K1 Professional Rock Tumbler Kit. This manual provides comprehensive instructions for setting up, operating, and maintaining your rock tumbler to transform rough stones into polished gemstones. Please read this manual thoroughly before first use.

WHAT'S INCLUDED

- 1 rock tumbler base & 1 rubber barrel
- 5+1 = 6 belts & user instructions
- 1 pound of rocks & 4 bags of polishing grits & ceramic pellets
- Jewelry fastenings & adaptor & screwdriver & mesh strainer
- Customer service email: support@komestone.com



Figure 1: All components included in the KomeStone K1 Professional Rock Tumbler Kit, including the tumbler base, rubber barrel, polishing grits, ceramic media, extra belts, and jewelry findings.

SETUP GUIDE

1. Unpacking and Inspection

Carefully remove all components from the packaging. Inspect for any damage. Ensure all listed items are present.

2. Tumbler Base Placement

Place the tumbler base on a stable, flat, and level surface. Ensure it is away from direct sunlight and heat sources. The KomeStone K1 features a quiet brushless motor, making it suitable for various indoor locations, though a garage or utility room is often preferred due to the nature of rock tumbling.

3. Power Connection

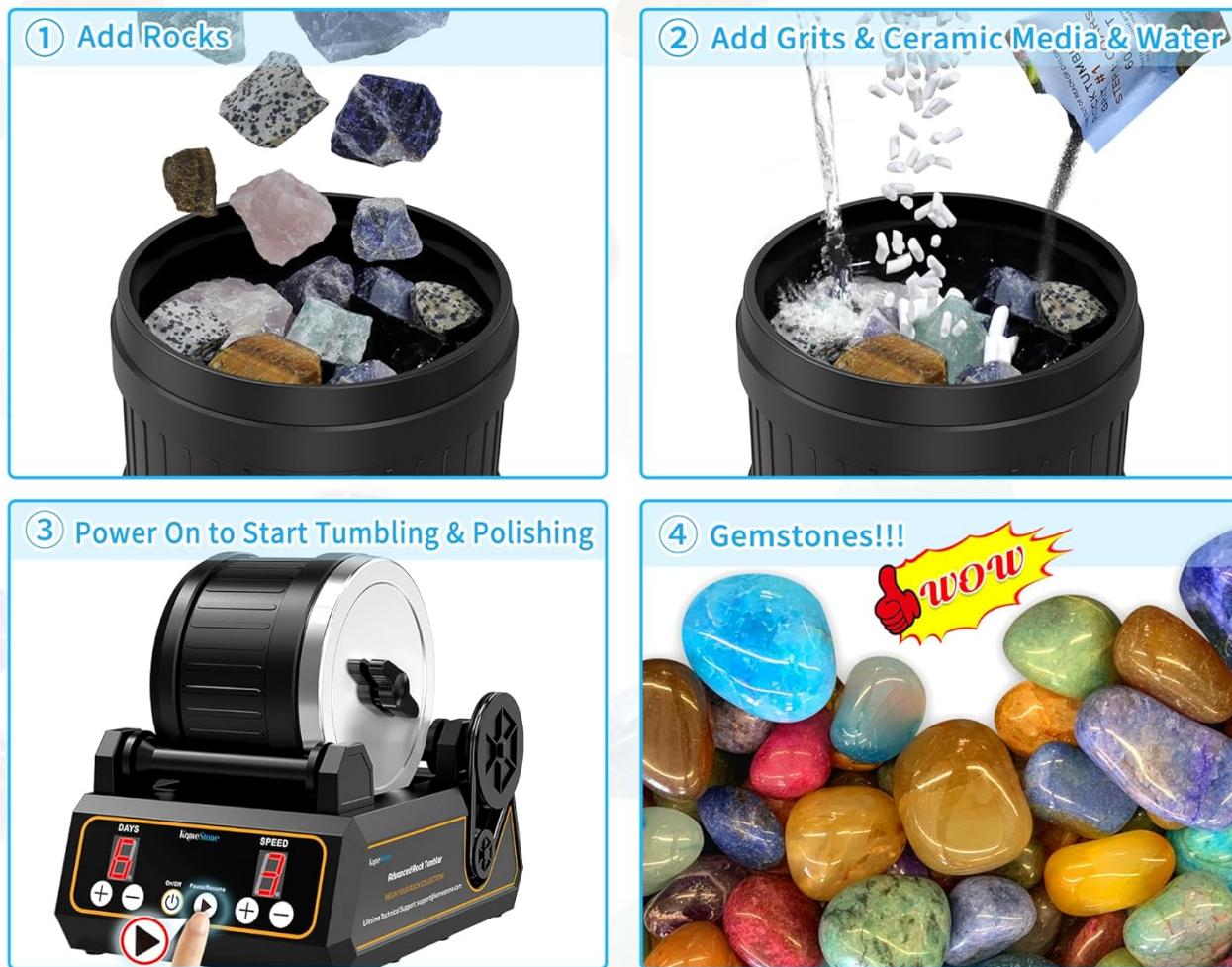
Connect the provided AC adapter to the tumbler base and then to a standard electrical outlet.

4. Barrel Assembly

Ensure the rubber barrel is clean and dry before first use. The 2.5 LB capacity rubber barrel is designed for durability and noise reduction.

Full-color Instruction Book

A 4-year-old knows how to use it!



Ceramic Medias: Can be used in each stage, reusable.

Figure 2: Visual guide illustrating the four simple steps to operate the rock tumbler: Add Rocks, Add Grits & Ceramic Media & Water, Power On to Start Tumbling & Polishing, and finally, Gemstones!

OPERATING YOUR ROCK TUMBLER

The KomeStone K1 features an LCD screen, 9-day timer, and 3-speed controls for precise tumbling.

Tumbling Cycles Overview

Rock tumbling is a multi-stage process, typically involving 4 steps with different grits to achieve a smooth, polished finish. Each stage requires specific grit and tumbling time.

Stage 1: Coarse Grind (60 Grit)

This initial stage removes rough edges and shapes the stones. It typically lasts 7-10 days.

Steps:

1. Fill the rubber barrel with rough stones (up to 2.5 lbs). Ensure the barrel is filled to about 2/3 to 3/4 capacity for optimal tumbling action. If you have fewer rocks, add ceramic media to fill the barrel.
2. Add 1 packet of Step 1 Coarse Grit (60 grit).
3. Add water until it just covers the top of the rocks.
4. Securely close the barrel lid. Ensure the black knob is tightened firmly to prevent leaks.
5. Place the barrel on the tumbler base. Gently push the barrel towards the direction of the belt to ensure it's close to the edge of the machine, avoiding powder production during tumbling.
6. Set the timer for 7-10 days and the speed to 1 (slowest for initial grind).
7. Press the 'On/Off' button to start.

Turn Raw Rocks Into Smooth Gemstones

9 types & **1 LBS raw rocks** are inside of the barrel



Rose Quartz



Amethyst



Green Aventurine



Red Jasper



Tiger's Eye



Dalmatian Jasper



Blue-vein Stone



Lapis Lazuli



Black Obsidian

Figure 3: An illustration of how raw rocks are transformed into smooth, shiny gemstones through the tumbling process, showcasing different types of rocks like Rose Quartz, Amethyst, and Lapis Lazuli.

Stage 2: Medium Grind (150 Grit)

This stage further smooths the stones and prepares them for pre-polish. It typically lasts 6-8 days.

Steps:

1. After Stage 1, thoroughly clean the rocks and the barrel. Rinse until all grit residue is gone. Do not pour grit down household drains; dispose of it outdoors or in a designated waste area.
2. Return the cleaned rocks to the barrel. Add ceramic media if needed.
3. Add 1 packet of Step 2 Medium Grit (150 grit).
4. Add water to just cover the rocks.
5. Securely close the barrel and place it on the tumbler base.
6. Set the timer for 6-8 days and the speed to 1.
7. Press 'On/Off' to start.

Stage 3: Pre-Polish (600 Grit)

This stage refines the surface, preparing the stones for the final polish. It typically lasts 6-8 days.

Steps:

1. Clean rocks and barrel thoroughly as in Stage 2. Remove all ceramic media for Cycle 3 & Cycle 4. It's reusable, just store them for future use.
2. Return cleaned rocks to the barrel.
3. Add 1 packet of Step 3 Pre-Polish Grit (600 grit).
4. Add water to just cover the rocks.
5. Securely close the barrel and place it on the tumbler base.
6. Set the timer for 6-8 days and the speed to 1 (slowest speed for finest results). This cycle starts to polish the rocks.
7. Press 'On/Off' to start.

Video 1: This official KomeStone video demonstrates the process for Cycle 3 (Pre-polish) of rock tumbling, including adding grit and water, securing the barrel, and setting the tumbler for optimal results.

Stage 4: Final Polish (1200 Grit)

This final stage brings out the brilliant shine of your gemstones. It typically lasts 5-7 days.

Steps:

1. Clean rocks and barrel thoroughly as in previous stages. Ensure no grit from previous stages remains.
2. Return cleaned rocks to the barrel.
3. Add 1 packet of Step 4 Final Polish Grit (1200 grit).
4. Add water to just cover the rocks.
5. Securely close the barrel and place it on the tumbler base.
6. Set the timer for 5-7 days and the speed to 1.
7. Press 'On/Off' to start.

Digital Timer & Speed Control

Use the '+' and '-' buttons next to 'DAYS' to adjust the tumbling duration (up to 9 days). Use the '+' and '-' buttons next to 'SPEED' to select one of the three available speeds. Speed 1 is recommended for all polishing stages for best results. The 'On/Off' button starts and stops the tumbling process. The 'Pause/Resume' button allows you to temporarily halt and restart a cycle without losing your settings.

MAINTENANCE

Cleaning the Barrel and Base

After each tumbling cycle, thoroughly clean the rubber barrel and its lid. Rinse with clean water until all grit and residue are removed. Wipe down the tumbler base with a damp cloth. Do not submerge the base in water.

Belt Replacement

The KomeStone K1 comes with 6 durable belts (5 extra plus 1 pre-installed). If the tumbler stops rotating or the belt appears worn, it may need replacement. Use the provided screwdriver to access the belt mechanism.



Figure 4: Instructions on how to obtain an extra bag of belts for free by contacting KomeStone customer support, ensuring continuous operation of your tumbler.

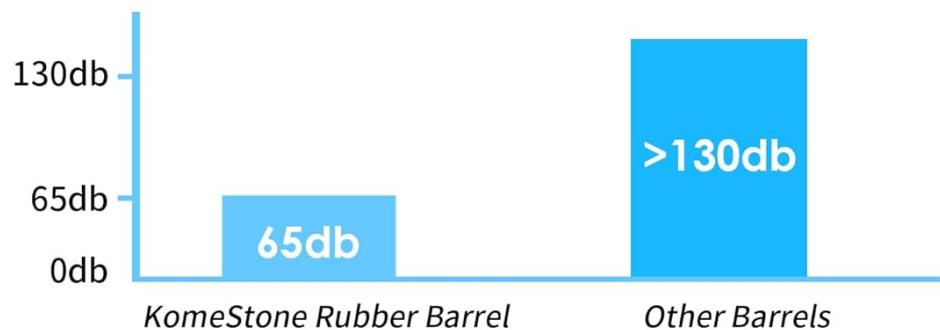
TROUBLESHOOTING

Tumbler not rotating: Check power connection. Ensure the barrel is properly seated on the rollers. Inspect the belt for wear or breakage; replace if necessary.

Excessive Noise: While the KomeStone K1 is designed for quiet operation (75% noise reduction compared to others), some noise from tumbling rocks is normal. Ensure the barrel is filled to the recommended capacity (2/3 to

3/4 full) and that ceramic media is used to cushion the rocks. Check that the tumbler is on a stable, level surface.

5X QUIETER Than Other Tumblers



Our 2.5Lbs Barrel



1LB Barrel of Others



TIRE-GRADE RUBBER
Low noise and durable

Figure 5: A visual comparison highlighting the KomeStone K1's 75% noise reduction (65db) compared to other tumblers (>130db), and its larger 2.5lb capacity rubber barrel (5 inches) versus standard 1lb barrels (3.7 inches).

Rocks not polishing: Ensure you are using the correct grit for each stage and following the recommended tumbling times. Thoroughly clean rocks and barrel between stages to prevent contamination from coarser grits. Ensure the barrel is properly sealed and water levels are correct.

Black powdered residue: This can sometimes occur from the belt or barrel. It is generally normal, especially during initial uses. Wipe it away with a damp cloth. If excessive, ensure the belt is properly aligned and not rubbing excessively.

SPECIFICATIONS

- **Model:** K1
- **Capacity:** 2.5 lbs
- **Dimensions:** 11.22 x 9.02 x 5.71 inches
- **Item Weight:** 6.2 pounds

- **Timer:** Digital, up to 9 days
- **Speed Settings:** 3 variable speeds
- **Motor Type:** Brushless
- **Barrel Material:** Thickened Rubber
- **Recommended Age:** 8 years and up

WARRANTY & SUPPORT

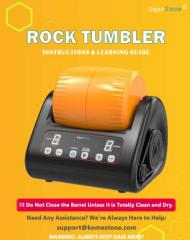
KomeStone offers a 90-day satisfaction guarantee and a 1-year warranty on your K1 Professional Rock Tumbler Kit. For any product issues, including broken belts, machine malfunction, missing parts, or other concerns, please contact our US-based customer service team.

Customer Service Email: support@komestone.com

Our team is committed to resolving any problems promptly and efficiently, with customer satisfaction as our top priority. Replies are typically within 6 to 12 hours.

Safety Information: WARNING: ALWAYS KEEP HAIR AWAY!

Related Documents - K1

	<p>KomeStone Rock Tumbler Instructions and Learning Guide</p> <p>Comprehensive guide to operating the KomeStone Rock Tumbler, including setup, tumbling cycles, troubleshooting, and tips for achieving polished gemstones.</p>
	<p>ON/OFF RESET MUTE S/P ROTATE LEVEL SPEED A-Z K1</p>
	<p>Creality K1 Max 3D Printer User Manual</p> <p>User manual for the Creality K1 Max 3D Printer, covering setup, operation, and maintenance. Learn about its features, specifications, and how to achieve high-quality prints.</p>
	<p>PTZ Camera Joystick Controller User Manual - Features, Specifications, and Operation</p> <p>Comprehensive user manual for the PTZ Camera Joystick Controller, detailing its features, interface connections, control panel functions, menu settings, network configuration, and accessories. Supports RS-422/485/232/IP control for up to 255 cameras.</p>



[Pekoko K1 User Guide: Printing and Operation](#)

Comprehensive user guide for the Pekoko K1 portable printer, covering setup, operation, app usage, and troubleshooting. Learn how to print text, images, and QR codes on various materials.