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BRYTE BY-TUM-PK

BRYTE Rock Tumbler Instruction Manual

Model: BY-TUM-PK



Image: The complete BRYTE Rock Tumbler kit, including the pink tumbler base, black rubber barrel, various grit packets, rough

INTRODUCTION

This instruction manual provides detailed guidance for the safe and effective operation, maintenance, and troubleshooting of your BRYTE Rock Tumbler. Designed for both beginners and experienced enthusiasts, this professional-grade rock polisher kit transforms rough rocks and sea glass into polished treasures. Please read this manual thoroughly before initial use to ensure optimal performance and longevity of your device.

WHAT'S IN THE BOX

Your BRYTE Rock Tumbler kit includes the following components:

- Sturdy Tumbler with Premium Motor
- Rubber Tumbling Barrel
- Selection of Rough Gemstones
- Assorted Sea Glass
- Polishing Grit (4 packets: Coarse, Medium, Fine, Polish)
- Mesh Strainer
- Spare Tumbler Belt
- Power Cord
- Instructions & Learning Guide Booklet

Rock tumbler kit includes everything you need



Image: All components of the BRYTE Rock Tumbler kit, including the machine, barrel, power cord, spare belt, instruction book, four bags of grit, assorted sea glass, rough gemstones, and a mesh strainer.

SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Always operate the tumbler on a stable, level surface.
- Keep the tumbler away from water or other liquids to prevent electrical shock.
- Ensure the power cord is not frayed or damaged before plugging in.
- Do not allow children to operate the tumbler unsupervised.
- Avoid contact with moving parts during operation.
- The polishing grit contains abrasive materials. Avoid direct contact with skin and eyes. Wash hands thoroughly after handling.

- Do not overload the tumbling barrel. Refer to the operating instructions for proper fill levels.
- Unplug the tumbler from the power outlet when not in use or before cleaning and maintenance.

SETUP

1. **Unpack Components:** Carefully remove all items from the packaging and ensure all listed components are present.
2. **Placement:** Place the BRYTE Rock Tumbler on a flat, stable, and dry surface. Consider a location where the low operational noise will not be disruptive, such as a garage or utility room.
3. **Power Connection:** Connect the power cord to the tumbler's power input port, then plug the adapter into a standard electrical outlet.

How to Tumble



Add rocks or sea glass



Add grit



Add water



Start the machine

Kit includes detailed learning guide

Image: A four-panel image illustrating the process of tumbling: adding rocks or sea glass to the barrel, adding grit, adding water, and finally starting the machine.

OPERATING INSTRUCTIONS

Step 1: Loading the Barrel (Coarse Grind)

1. **Prepare Rocks/Sea Glass:** Select rough rocks or sea glass. Ensure they are clean and dry. For best results, use a mix of sizes, but avoid pieces larger than 1 inch (2.5 cm).
2. **Add to Barrel:** Place the rocks or sea glass into the rubber tumbling barrel. Fill the barrel approximately 2/3 full.
3. **Add Coarse Grit:** Add one packet of "STEP 1 COARSE" grit to the barrel.
4. **Add Water:** Add water until it just covers the rocks and grit. Do not overfill.
5. **Seal Barrel:** Securely place the lid onto the barrel, ensuring a tight, leak-free seal.

Step 2: Tumbling Process

1. **Place Barrel:** Carefully place the sealed barrel onto the tumbler base, ensuring it sits correctly on the rollers.
2. **Set Speed:** The BRYTE Rock Tumbler features 3 adjustable speeds. Press the speed button to select your desired speed. For initial coarse grinding, a medium to high speed is generally recommended.
3. **Set Timer:** Use the digital timer to set the tumbling duration. The tumbler features a 9-day timer. For the coarse grind, a duration of 3-7 days is typical, depending on the hardness of the rocks and desired smoothness.
4. **Start Tumbling:** Press the power button to begin the tumbling process. The tumbler will operate continuously until the set timer expires or it is manually turned off.

Step 3: Progressing Through Grits

After each tumbling stage (Coarse, Medium, Fine), follow these steps:

1. **Stop Tumbler:** Turn off the tumbler and unplug it.
2. **Empty Barrel:** Carefully remove the barrel. Open the lid and empty the contents (rocks, grit, and water) into a mesh strainer over a bucket. Dispose of the used grit and water responsibly; do not pour down drains as it can cause clogs.
3. **Clean Rocks & Barrel:** Thoroughly rinse the rocks and the inside of the barrel under running water until all grit residue is removed. Ensure no grit from the previous stage remains, as this can contaminate the next stage and hinder polishing.
4. **Repeat Steps 1 & 2:** Return the cleaned rocks to the barrel. Add the next finer grit packet (STEP 2 MEDIUM, then STEP 3 FINE, then STEP 4 POLISH) and fresh water. Reseal the barrel and place it back on the tumbler. Set the timer for the recommended duration for each stage (typically 5-7 days for medium and fine, 7-9 days for polish).

The self-cooling premium motor ensures efficient operation throughout the long polishing cycles.



Create your own
dazzling gemstones

SELF-COOLING
premium
quality motor

**3 POLISHING
SPEEDS**
to choose from

9 DAY TIMER
so you can set
it & forget it

**LARGE
INTERFACE**
easy for kids
to use

**RUBBER
BARREL**
leak-free,
reduces
sound

Image: The BRYTE Rock Tumbler displaying its digital timer and speed controls, surrounded by various polished sea glass pieces and rough gemstones, highlighting its features like self-cooling motor, 3 speeds, 9-day timer, and leak-free rubber barrel.

MAINTENANCE

- **Cleaning the Tumbler Base:** Wipe the exterior of the tumbler base with a soft, damp cloth. Do not submerge the base in water.
- **Cleaning the Barrel:** After each use, thoroughly rinse the rubber barrel and lid with water to remove all grit and rock dust. Ensure the barrel is completely dry before storing or starting a new cycle.
- **Belt Replacement:** The tumbler uses a drive belt that may wear out over time. If the barrel stops rotating or rotates inconsistently, the belt may need replacement. Unplug the unit, carefully remove the old belt, and install the spare tumbler belt provided in your kit. Ensure the new belt is properly seated on both pulleys.
- **Storage:** Store the tumbler and its components in a clean, dry place away from direct sunlight and extreme temperatures.

Designed for durability

Quality construction for years of use & enjoyment



Image: A detailed view of the BRYTE Rock Tumbler, emphasizing its robust construction including the premium dual-injection, self-cooling motor, the leak-free rubber barrel, and the rigid, pro-quality ABS solid housing, indicating durability.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tumbler does not turn on.	No power, loose connection, or faulty power adapter.	Ensure the power cord is securely plugged into both the tumbler and the wall outlet. Test the outlet with another device.
Barrel is not rotating.	Overloaded barrel, worn or dislodged drive belt, or motor issue.	Reduce the amount of rocks in the barrel. Check if the drive belt is properly seated or needs replacement (refer to Maintenance section). If the issue persists, contact customer support.
Unusual noise during operation.	Barrel not seated correctly, foreign object, or worn parts.	Ensure the barrel is properly centered on the rollers. Check for any debris inside the tumbler base. If the noise is excessive or persistent, it may indicate a motor or bearing issue; discontinue use and contact support.
Rocks are not polishing well.	Insufficient tumbling time, incorrect grit sequence, or contamination between stages.	Ensure each tumbling stage runs for the recommended duration. Thoroughly clean rocks and barrel between grit stages to prevent cross-contamination. Ensure correct grit is used for each stage.

SPECIFICATIONS

- **Product Dimensions:** 15.8 x 9 x 5 inches
- **Item Weight:** 5.02 pounds
- **Item Model Number:** BY-TUM-PK
- **Manufacturer Recommended Age:** 8 years and up
- **Manufacturer:** Bryte
- **Speeds:** 3 adjustable speeds
- **Timer:** Digital 9-day polishing timer
- **Motor:** Premium, dual injection, self-cooling
- **Barrel:** Leak-free rubber barrel

WARRANTY AND SUPPORT

For any questions, concerns, or technical support regarding your BRYTE Rock Tumbler, please contact the manufacturer directly. Refer to the contact information provided in your product packaging or visit the official BRYTE website for assistance.

For more information about BRYTE products, you can visit the official BRYTE Store on Amazon [BRYTE Store](#)