



By:



Rock Tumbler Model #NB527 Instruction Manual



WARNING: CHOKING HAZARD – Small parts. Not suitable for children under 3 years.



**WARNING: Only for use by children over 8 years old. Only for use under the supervision of an adult. This toy contains sharp edges.
This toy must be assembled by an adult.**



DANGER: To prevent electric shock do not immerse the tumbler and supplied AC adaptor in water. The AC adaptor is not a toy!

**CAUTION: ELECTRIC TOY -
Please use care when plugging into AC outlet**

Read all instructions before use. Follow them and keep them for future reference. Keep small children and animals away from the working rock tumbler. Store your rock tumbler out of reach of small children. Eye protection is not included.

CAUTION - ELECTRIC TOY

- Not recommended for children under 8 years of age. As with all electric products, precautions should be observed during handling and use to prevent electric shock.
- The tumbler must only be used under adult supervision.
- The tumbler must not be connected to more than one power supply.
- The tumbler must only be used with the supplied/recommended adaptor.
- The adaptor is not a toy! Keep all electrical items away from small children.
- The tumbler and AC adaptor supplied should periodically be examined for potentially unsafe conditions such as: the risk of fire, electric shock, injury to persons, damaged cord, plug, housing or parts and stalled motor. In the event that such damage is found, the toy should not be used until properly repaired by qualified personnel or replaced with an identical power source.
- The tumbler **MUST BE** disconnected from the AC adaptor and mains power before cleaning. Wipe clean only with a damp cloth.
- For indoor use only! Do not expose to rain or moisture.
- Misuse of AC adaptor can cause electrical shock.

CAUTION

Adult supervision required. Rocks contain natural sharp points. Handle with caution. Abrasive grits and polish and rock dust can cause eye irritation. Avoid contact with eyes.

FIRST AID: In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation or blurred vision occurs.

IMPORTANT NOTE

To protect the unit and avoid water leaking, always wash the barrel cover with clean water thoroughly before locking. Make sure there is no dirt left in the gauge inside the cover because the dirt will bring excessive frictional force that will affect the strength of the locking. Leakage of water can cause permanent to the motor.

COMPLIANCE WITH FCC REGULATIONS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

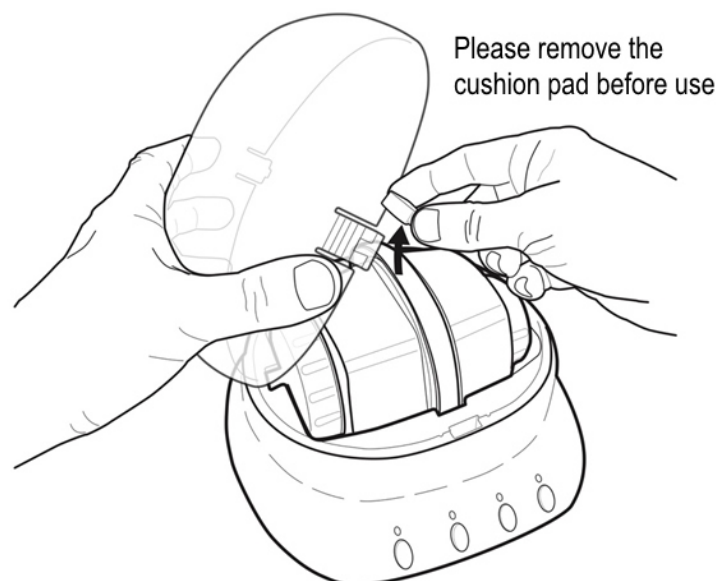
- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

BEFORE YOU GET STARTED – REMOVE CUSHION PAD BEFORE USE!



WELCOME TO THE WORLD OF ROCK COLLECTING AND JEWELRY MAKING

The aim of rock tumbling and polishing is to produce gemstones ground and polished to their natural beauty. There are many projects you can do with the polished stones. You may decide to mount them in a display case. You can decorate boxes, use them in arts and crafts projects and, of course, make jewelry. This kit contains rings so you can apply a small amount of glue (not included) to the stone and setting and glue together. You can use tape to hold the pieces in position while the glue is drying. Allow to dry overnight.

SETTING UP FOR OPERATION

Parts of Your Rock Tumbler (Model #NB527)

1. Clear Top Cover
2. Barrel
3. Barrel Cover
4. LED Indicators
5. ON/OFF Button
6. 1 Day Button
7. 2 Day Button
8. 3 Day Button
9. DC Jack $\ominus - \text{C} - \oplus$ (on rear side)



| | | | |
|---|---|---|---|
|  |  |  |  |
| Rings | Polishing Powder | Raw Gemstones | AC Adaptor DC5.9V 1000mA $\ominus - \text{C} - \oplus$ |

Connecting to electric power

Insert the DC plug of the supplied AC adaptor into the DC jack $\ominus - \text{C} - \oplus$ on the rear side of the tumbler and connect the AC adaptor to a standard AC wall socket with 120V~ 60Hz continuous power supply.

Note: When the unit is not operated for a long period of time, unplug the AC adaptor from the tumbler and AC wall outlet.

Getting Started and Helpful Tips

1. Locate an area in your home where the continuous sound and disturbing noise from the tumbling action is minimum.
2. Level the tumbler on a flat corrugated board or similar non-slippery material. Because of vibrations during operations, the tumbler may have a tendency to “migrate”. You can place a small weight next to it to prevent this.
3. The barrel cover can be identified by the embossed OPEN, CLOSE and ARROW markings on its surface. After placing the gemstones, polishing powder and adequate amount of water into the barrel, securely close the cover by turning it clockwise. See ***Procedures and Tips on Tumbling and Polishing Gemstones*** below.
4. Always place the barrel into the cradle of the tumbler with the barrel cover facing the left hand side as it will not fit the other way round by design. See figure below on the left.
5. Carefully fix the clear top cover into the top of the tumbler by aligning its front and rear snap locks into the recesses on the tumbler. See figure below on the right.



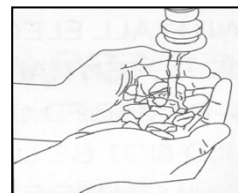
6. Press ON/OFF button and select DAY you prefer to start up the tumbler, and you should will see the barrel start rotating if everything is normal.

Note: The barrel will not start rotating when the top clear cover is not in position. You have to press ON/OFF button again whenever the top clear cover is removed and replaced.

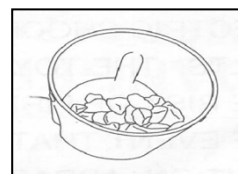
Procedures and Tips on Tumbling and Polishing Gemstones

1: Start with 1/2 bag of gemstones.

Rinse raw gemstones to wash away dust and dirt.

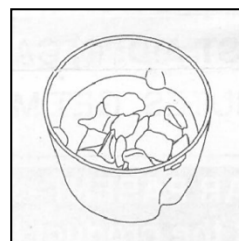


2: Place the gemstones in the rock tumbler barrel. You DO NOT need to add the grit polishing powder yet...that comes later.

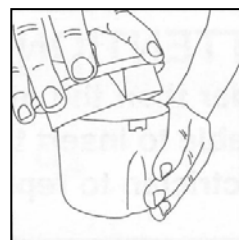


3: Add water to just cover top of the gemstones.

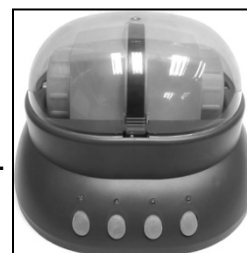
Be careful not to let any grit (polishing powder) get in the rim of the barrel as it might cause leaks in the seal.



4: Replace barrel cover firmly secured in the groove inside it. Be sure the cover is locked into place by aligning.



5: Put barrel onto base of the machine. Plug the machine into a wall outlet, press ON/OFF button and select DAY you prefer to start up the machine. Check your barrel after 24 hours. See that the water color is gray and sludgy and that the water is above the gemstones. If it is not, add more water. This cycle takes between 1 to 2 days. It is always better to grind longer if in doubt.



6: Repeat steps 3 to 5 every 2 days until stones are smooth.

7: FINAL POLISHING STEP: When the surface of gem stones become smooth, add ½ packet of the grit polishing powder and continue to tumbler until the best desired shinny result – about 1 to 2 days.



IMPORTANT INFORMATION FOR SAFE USAGE

- This Tumbler is for children aged 8 years plus, it is NOT intended for children under 3 years of age.
- The kit contains small parts such as grit, stones and jewelry parts that could be swallowed. Keep away from small children and pets and store carefully.
- Keep all contents away from small children.
- DO NOT USE outdoors or in a moist environment.
- DO NOT overfill the barrel with water; add water to cover the stones only.
- NEVER leave the barrel tumbling for more than 24 hours without checking it at least once.
- NEVER POUR USED GRIT OR GRINDING POWDER DOWN HOUSEHOLD DRAINS: It can set rock hard and cause a pipe blockage. Pour on the garden soil or in an old receptacle like a bucket. Empty water and take sludge to the trash.
- Make sure no grit enters household machinery like the washing machine, shake and check all clothes thoroughly before washing.
- In case of eye contact (with powders): wash out the eye with plenty of water for at least 5 minutes. Seek medical attention.
- If any type of powder is ingested or inhaled seek medical attention.

SAVE THE PACKAGING FOR IMPORTANT INFORMATION

SEE MORE AT www.BenFranklinToys.com or www.ThinAirBrands.com

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MADE IN CHINA



By:

