

PROFESSIONAL ROCK TUMBLER INSTRUCTIONS



Safety Information

- The toy must only be used with the recommended transformer (Model RWX-ADCW-120100U) if the transformer is not supplied.
- The transformer is not a toy and shall not be used as a toy.
- Please inspect the transformer regularly for damage to the cord, plug, enclosure and other parts, and in the event of such damage, must not be used until the damage has been repaired.
- Do not connect the tumbler to more than the recommended number of power supplies.
- Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.
- Read warnings on individual component packaging carefully. This set contains items that may be harmful if misused. Adult supervision required.

Before You Begin

Confirm that all the following parts have been included with your kit. For concerns, including missing part inquiries, please contact: custserv@discoverwithrcool.com.

1. Rock tumbler base
2. Tumbling barrel
3. Grit (inside barrel)
4. Rough gemstones (inside barrel)
5. Power cord
6. Strainer
7. Jewelry fastenings
8. Activity booklet, adventure guide, and instructions

NOTE: The grit and rough gemstones come packaged inside the tumbling barrel.

Follow these steps to open the tumbling barrel:

1. Unscrew and remove the outer black knob.



2. Pop off the stainless steel housing. If you have trouble, try using something flat—like a silverware handle—to pry it off.

3. Reattach the black knob and use it to pull off the inner lid.



4. Remove the rough gemstones and grit.

Polishing Instructions

Caution: Grit can wreak havoc on plumbing, so never pour the used grit down any household drain. It is best to wash your gritty stones and barrel outside with a garden hose.

1. Add your rocks and grit #1 to the tumbler barrel.
2. Fill with water until the water just covers the top of the rocks.
3. Tightly close the lid and place the barrel on the tumbler base.
4. Plug in the tumbler and select the desired speed setting and number of days (see "Suggested Tumbling Times and Speeds" below).
5. When the cycle is over and you're satisfied with your results, pour the contents of the tumbler into the strainer, and rinse the rocks and barrel with water, removing all grit.
6. Repeat the steps above with grits #2, 3, & 4 (in that order). This process will gradually polish your rough rocks into smooth gemstones.

Remember that oceans and rivers take thousands or even millions of years to produce polished stones. This rock tumbler speeds up that process, but you should still expect about 4 weeks of tumbling for great polishing results. So remember to be patient, as the best results come to those who wait.

Tips for getting the best results:

Tip #1: Don't overload the tumbler.

The action of the rocks crashing into each other will give you the best tumbling results. If the tumbler is too full, the rocks can't move as freely and won't polish as well. For best results, fill your tumbler barrel about 1/2 to 2/3 full. If you overflow the tumbler, the built-in sensor will automatically protect the motor inside by turning the tumbler off. If this happens, you should remove some of the rocks, unplug the tumbler, and plug it in again. This will reset the tumbler.

Tip #2: Use your own judgment.

Use the tumbling guide below as a place to start, but use your own judgment to determine if your rocks need more time on each grit cycle (especially when you're tumbling new types of rocks). Some rocks are harder than others, so they'll take more time to polish than softer rocks.

Tip #3: Always wash a few "test" stones before changing grit.

The purpose of the roughest grit (#1) is to completely round all of the edges. Whenever you finish a grit cycle, always grab a few test stones and rinse them off before you dump out all of the grit and water. Carefully inspect these test rocks to determine if you think they're smooth enough. If you don't think they're finished, simply put them back in the barrel and run the batch for more time. Repeat this process with each grit. Each grit will get you a smoother and smoother polish. Generally speaking, longer is always better.

Tip #4: Adjust the speed for faster polishing times and better results!

This professional tumbler features an innovative speed control that will allow you to increase your tumbling speeds and get better results. When you're using the first grit, you can set the tumbler on the fastest setting in order to round the edges of the rocks as quickly as possible. When using the final two grits, you should use the slowest setting to get better polishing results.

Tip #5: Adding a small bit of mineral oil to your finished stones will help give them a nice shiny look.

Suggested Tumbling Times and Speeds:

Grit #1: 3-5 days on highest speed (until the stones have all lost their sharp edges and feel smooth)

Grit #2: 6-8 days on medium speed

Grit #3: 6-8 days on slowest speed

Grit #4: 7-10 days on slowest speed (the slow speed and long polishing time will help you get the best results)

FAQ's

Question: My tumbler is displaying an "E"; how can I fix it?

Answer: Our rock tumbler is designed to stop and display an "E" in the event that the barrel is overloaded. Please remove some rocks and/or water, unplug the unit, and then plug it in and restart your cycle.

Question: Will this work with glass to create "sea glass" like you find at the beach?

Answer: Yes. We recommend doing a little research to determine the appropriate tumbling times and optimal type of grit.

Question: Can I buy spare parts separately? Where can I get more stones and grit?

Answer: You can find refill packs containing stones, grit, and jewelry fastenings at our Amazon store at goo.gl/wt2jMY. If you need a replacement part please contact us at custserv@discoverwithdrcool.com and we'll be happy to assist you.

One final note: You can always experiment with adjusting the speed and duration of your tumbling. Every rock material is different, and this is a fun hobby that encourages experimentation. Rock on!

POLISSEUR DE ROCHES PROFESSIONNEL INSTRUCTIONS

Information de Sécurité

- Ce jouet doit être utilisé uniquement avec le transformateur recommandé (Modèle RWX-ADCW-120100U) si le transformateur n'est pas fourni.
- Le transformateur n'est pas un jouet et ne doit pas être utilisé comme un jouet.
- Veuillez inspecter le transformateur régulièrement pour vérifier que le câble, la prise, le boîtier et autres pièces ne sont pas endommagés, et, si c'est le cas, n'utilisez pas le transformateur tant que les dommages ne sont pas réparés.
- Ne pas brancher le polisseur de roches à une alimentation électrique supérieure à celle recommandée.
- Les produits électriques usagés ne doivent pas être jetés avec les déchets ménagers. Veuillez les recycler dans des points de recyclage spécialisés. Consultez vos autorités locales ou votre vendeur pour des conseils sur le recyclage.
- Ce coffret contient des substances chimiques qui peuvent être nocives si mal utilisées. Lisez attentivement les avertissements sur les récipients individuels. Ne doit pas être utilisé par des enfants sans la supervision d'un adulte.