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› LeTkingok 110V Mini Automatic Water Stained Glass Grinder Instruction Manual

LeTkingok B08NV9B1Z

LeTkingok 110V Mini Automatic Water Stained Glass Grinder Instruction Manual

Brand: LeTkingok | **Model:** B08NV9B1Z

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation and maintenance of your LeTkingok 110V Mini Automatic Water Stained Glass Grinder. Please read this manual thoroughly before initial use and retain it for future reference.

The LeTkingok Mini Automatic Water Stained Glass Grinder is a compact, multi-functional grinding machine designed for processing glass, marble, ceramic, and other hard materials. It is suitable for grinding various forms, including flat surfaces, curves, fillets, and bevels, making it ideal for glass processing, arts, and decoration.



Image 1.1: Front view of the LeTkingok Mini Automatic Water Stained Glass Grinder, featuring a red base, white grinding surface, and a clear baffle board installed.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in serious injury or damage to the product.

- Always ensure the power switch is in the **OFF** position before plugging in or unplugging the grinder.
- Always disconnect the grinder from the electrical outlet before setting up, servicing, or changing bits.
- Wear appropriate personal protective equipment (PPE). Always wear safety goggles to protect your eyes. Everyday eyeglasses are not sufficient.
- Avoid wearing loose-fitting clothing, neckties, jewelry, or gloves that could become entangled in moving parts.
- Never turn on the grinder while glass or other working materials are in contact with the grinding bit.
- Never leave the grinder running unattended. Turn the power **OFF** when not in use.
- Keep out of reach of children.
- Do not operate the grinder while under the influence of medication or alcohol.
- To ensure optimal performance and safety, keep the grinder properly maintained and lubricated as per instructions.



Visual reminders for key safety precautions.

Image 2.1: A collage of safety reminders, including ensuring the power switch is off, wearing protective gloves and safety goggles, and disconnecting the grinder from the power outlet.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included in your package:

- Grinder body (main unit)
- One work surface adaptor
- 5/8" Chromeplated diamond grinder bit
- Hex wrench
- Work surface of cap type (baffle board)

PRODUCT SHOW



PRODUCT DESCRIPTION

- 1 Mini size and more easy to operate.
- 2 Stable and reliable performance.
- 3 automatic water available for some sizes (5/8" 1")
- 4 new design switch avoid electric conduction.

Accessories contents

- a. Grinder body.
- b. One work surface adaptors.
- c. 5/8" Chromeplated diamond grinder bit.
- d. Hex wrench.
- e. The work surface of cap type.

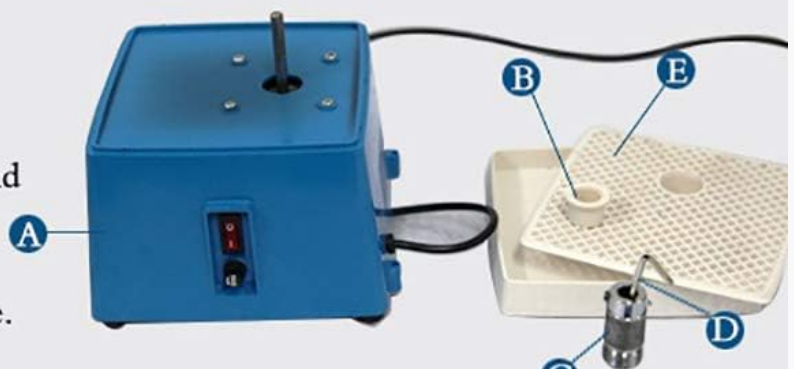
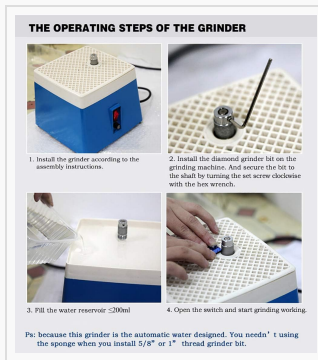


Image 3.1: An exploded view showing the main grinder unit (A), work surface adaptor (B), cap-type work surface/baffle board (E), 5/8" diamond grinder bit (C), and hex wrench (D).

4. SETUP AND ASSEMBLY

1. **Unpack and Position:** After unpacking all components, assemble the grinder on a firm, level surface to prevent tilting and rocking during operation.
2. **Install Grinder Bit:** Install the diamond grinder bit onto the grinding machine's shaft. Secure the bit by turning the set screw clockwise with the provided hex wrench.
3. **Fill Water Reservoir:** Fill the water reservoir with clean water, ensuring the level does not exceed 200ml. The automatic water system requires the reservoir to be wet for proper operation.

4. **Connect Power:** Ensure the power switch is in the OFF position, then plug the grinder into a 110V electrical outlet.



Visual guide for initial setup steps.

Image 4.1: A collage illustrating the initial setup steps, including placing the grinder, installing the grinding bit, and filling the water reservoir.

5. OPERATING INSTRUCTIONS

Before operating, ensure you have read and understood all safety instructions.

1. **Initial Use (First-time users):** If you are a first-time user, familiarize yourself with the grinder by practicing on a piece of scrap glass. Begin by pushing the glass against the grinding bit with light pressure, moving the glass back and forth across the bit.
2. **Adjust Pressure:** Slowly increase the pressure until you find a comfortable grinding speed and control. You will quickly learn the optimal grinding pressure for different types of glass.
3. **Monitor Water Level:** Periodically check the water level in the reservoir. Grinding without sufficient water significantly reduces the lifespan of your grinding bits. **NEVER GRIND DRY.**
4. **Start Grinding:** Once ready, turn on the power switch to begin grinding.
5. **Using 1" Grinder Bit:** If using a 1" grinder bit, it is suitable for both drilling holes and intricate grinding. To set it up, install the work surface adaptor, then place the 1" bit directly onto the top of the shaft, ensuring the hex screw aligns with the flat side of the motor shaft.

USING

Remember to wear safety glasses or install a protective face shield when grinding.

- 1) If you are a first time user, get the feel of the grinder by turning on the grinder and grinding a piece of scrap glass. Begin by pushing the glass into the grinding bit using light pressure and moving the glass back and forth across the bit.
- 2) Slowly increase the pressure until you feel comfortable with the grinding speed and your control. You'll quickly learn the optimum grinding pressure for the types of glass you use.
- 3) Stop periodically and check the water level. Grinding without water greatly reduces the life of your grinding bits.
- 4) Over time, a bit may grind less effectively causing your glass to chip, this is a result of wearing away of the bit's diamond surface. When this happens, it is time to expose a new portion of the diamond surface. Loosen the set screw using the hex wrench and move the grinding bit up on the shaft to expose a new 1/8" section of diamond.
- 5) Secure the bit back in place making sure to tighten it against the flat side of the motor shaft.
- 6) The 1" grinder bit is useful for both drilling holes and intricate grinding. To set up the 1" bit, simply install work surface, then place the 1" bit directly into the top of the shaft making sure the hex screw lines up with the flat side.

Image 5.1: Text detailing the process of using the grinder, including initial practice, pressure adjustment, water level monitoring, and specific instructions for the 1-inch grinding bit.

6. MAINTENANCE

- **Clean Water Reservoir:** Clean the water reservoir after each use. Remove the reservoir and flush out any grinding residue accumulated around the sides of the base.
- **Replenish Water:** If the sink becomes dry during operation, add water promptly.
- **Bit Storage:** Grinder bits should be removed from the machine if they are not in use for a week or more. This prevents them from "cementing" to the shaft due to dried residue.
- **Bit Wear:** Over time, a grinding bit may become less effective, leading to glass chipping. This indicates wear on the diamond surface. To expose a new portion of the diamond surface, loosen the set screw with the hex wrench and move the grinding bit up on the shaft by approximately 1/8 inch. Secure the bit back in place, ensuring it is tightened against the flat side of the motor shaft.
- **Avoid Grinding Metal: DO NOT GRIND METAL.** Grinding metal will destroy the diamond bit and render it unusable for glass grinding.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Grinder does not turn on.	Power cord not plugged in; power switch off; no power from outlet.	Check power connection; ensure switch is ON; test outlet with another device.

Problem	Possible Cause	Solution
Grinding bit not effective / Glass chipping.	Insufficient water; worn-out diamond surface; excessive pressure.	Ensure water reservoir is filled; adjust bit height to expose new diamond surface (see Maintenance); reduce grinding pressure.
Grinder bit stuck to shaft.	Dried grinding residue.	Remove bit after use for prolonged storage; carefully loosen with hex wrench, apply penetrating oil if necessary.
Excessive vibration or noise.	Grinder not on a firm, level surface; loose bit; damaged motor.	Place grinder on a stable surface; ensure bit is securely tightened; contact customer support if motor damage is suspected.

8. SPECIFICATIONS

Feature	Detail
Product Name	Mini Glass Grinder
Voltage	110V
Item Weight	4.4 pounds (2.0 Kg)
Product Dimensions	7.68 x 7.68 x 6.3 inches
Included Accessories	5/8" Diamond Grinder Bit, Hex Wrench, Baffle Board
Manufacturer	LeTkingok
ASIN	B08NV9B1Z

PRODUCT SPECIFICATION	
Product Name	Mini Glass Grinder
Voltage	220V/110V
Net Weight	2.0Kg
Package Size	25*25*25cm
Accessories	5/8" diamond grinder bit(with machine)
	1" diamond grinder bit

Image 8.1: A visual representation of the product specifications table, including details like product name, voltage, weight, dimensions, and included accessories.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official LeTkingok website. Keep your purchase receipt as proof of purchase for any warranty claims.

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Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question