

B0DBZF6DVN

Generic Mini Lab Liquid Vortex Mixer (Model B0DBZF6DVN) Instruction Manual

INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Generic Mini Lab Liquid Vortex Mixer, Model B0DBZF6DVN. This device is designed for rapid and efficient mixing of various liquids, including paints, inks, polishes, and adhesives, utilizing an 8700 RPM orbital shaking mechanism. Please read this manual thoroughly before operating the device and retain it for future reference.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the device:

- Do not immerse the device in water or any other liquid.
- Keep the device away from heat sources and direct sunlight.
- Use only the provided USB charging cable.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.
- Ensure the device is placed on a stable, flat surface during operation.
- Keep out of reach of children.
- Avoid mixing flammable or corrosive liquids without proper safety measures and ventilation.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Mini Lab Liquid Vortex Mixer (Product Host)
- 1 x USB Charging Cable

PRODUCT OVERVIEW

The Generic Mini Lab Liquid Vortex Mixer is a compact and efficient device designed for quick mixing. It features a silicone top for secure placement of containers and a stable base with non-slip suction cups.



Figure 1: Front view of the Mini Lab Liquid Vortex Mixer.

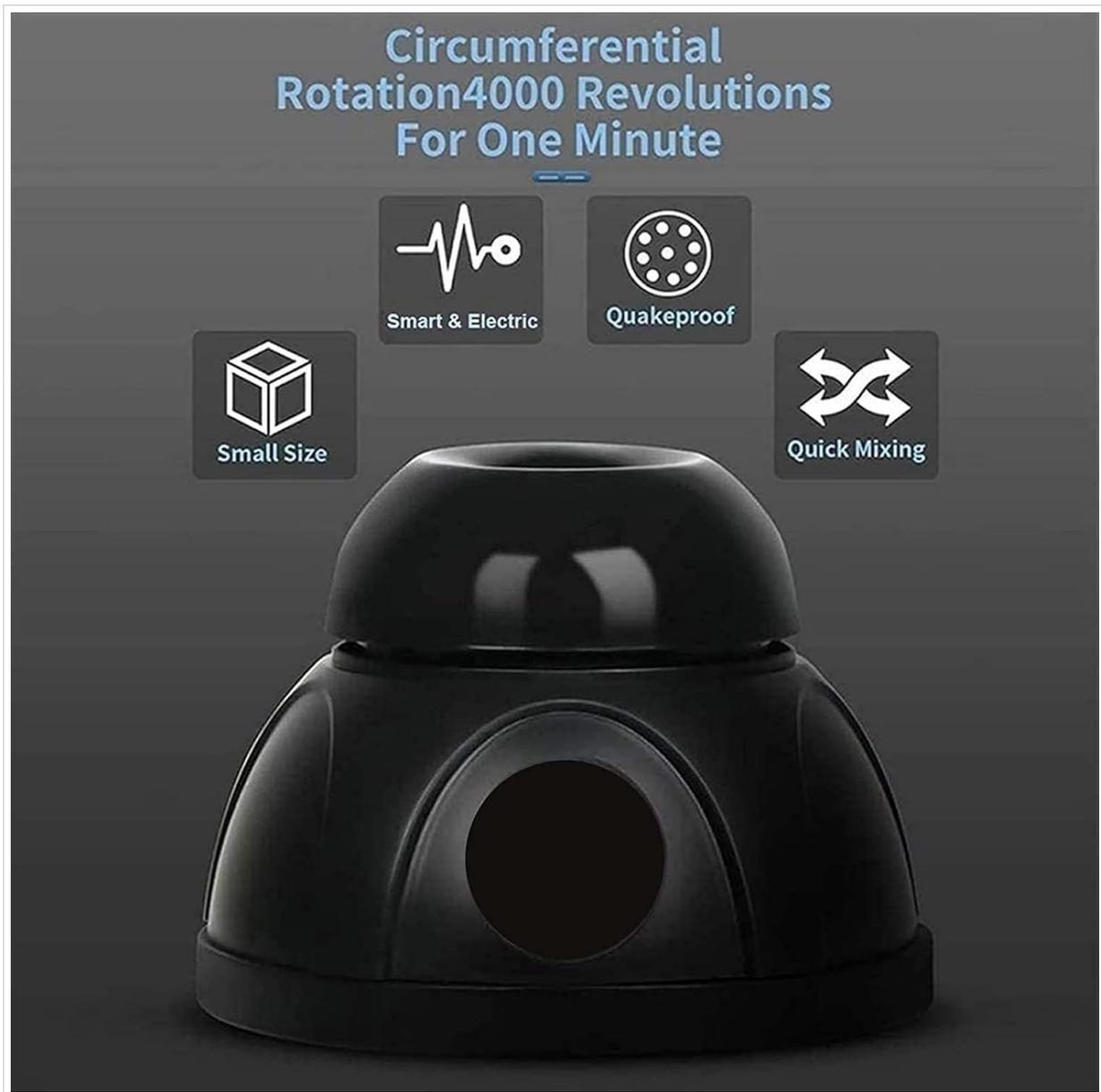


Figure 2: Key features of the vortex mixer.

SETUP

1. **Unpack:** Carefully remove the vortex mixer and all accessories from the packaging.
2. **Placement:** Place the mixer on a clean, dry, and stable flat surface. The non-slip rubber suction cups on the base will help secure the device during operation.
3. **Initial Charge:** Before first use, it is recommended to fully charge the device. Refer to the "Charging Instructions" section.

OPERATING INSTRUCTIONS

The vortex mixer features a smart induction start for convenient operation.

1. **Prepare Sample:** Ensure your liquid sample is in a sealed container (e.g., test tube, vial) suitable for vortex mixing.
2. **Place Container:** Gently press the bottom of the sample container onto the center of the silicone pad on top of the mixer. The device will automatically start mixing due to the smart induction feature.

Vortex Mixing Without Swing



Figure 3: Vortex mixing in progress.

3. **Mix:** Hold the container firmly in place until the desired level of mixing is achieved. The powerful centrifugal movement will mix most liquids in a few seconds.

Restore your paints, inks and polishes Make the ink/pigment evenly



Figure 4: Example of liquid consistency before and after mixing.

4. **Stop Mixing:** Lift the sample container off the silicone pad. The mixer will automatically stop.
5. **Applications:** This mixer is suitable for various liquids such as tattoo pigments, nail polish, eyelash adhesives, and other lab solutions.



Figure 5: Diverse applications of the vortex mixer.

CHARGING INSTRUCTIONS

The vortex mixer is equipped with a built-in rechargeable lithium battery.

1. **Connect Cable:** Insert the small end of the provided USB charging cable into the charging port on the side of the mixer.



Figure 6: USB charging port connection.

2. **Connect Power:** Plug the larger end of the USB cable into a standard USB power adapter (not included) or a computer USB port.
3. **Charging Indicator:** The device typically has an indicator light that shows charging status (e.g., red for charging, green for fully charged).
4. **Charging Time:** A full charge takes approximately 5 hours. The battery has over-charge and over-discharge protection.
5. **Working Time:** A fully charged battery provides approximately 300 minutes of continuous operation.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your vortex mixer.

- **Cleaning:** Wipe the exterior of the device with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure no liquid enters the charging port or internal components.
 - **Storage:** Store the device in a cool, dry place away from direct sunlight when not in use.
 - **Battery Care:** For optimal battery life, avoid completely draining the battery frequently. Charge the device regularly, even if not in constant use.
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TROUBLESHOOTING

If you encounter issues with your vortex mixer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not start when container is placed.	Battery is low or depleted. Container not placed correctly on the silicone pad.	Charge the device fully. Ensure the container is centered and pressed firmly onto the silicone pad.
Weak mixing action.	Low battery. Overloaded with too large/heavy container.	Charge the device. Use smaller containers or less viscous liquids.
Device stops unexpectedly.	Battery depleted. Overheating (unlikely for this device type, but possible).	Recharge the device. Allow the device to cool down if it feels warm.

SPECIFICATIONS

Feature	Detail
Model	B0DBZF6DVN
Power Supply	Built-in Lithium Battery
Battery Capacity	1800mAh
Speed	8700 RPM (Revolutions Per Minute)
Motor Output	1.2W
Chassis Diameter	Approx. 11 cm (4.3 inches)
Height	Approx. 8.5 cm (3.3 inches)
Charging Interface	USB
Charging Time	5 hours (full charge)
Working Time	300 minutes (under full power)
Material	ABS, Silicone, Rubber, Alloy

WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For any support inquiries, warranty claims, or technical assistance, please contact the retailer or manufacturer directly using the contact information provided at the point of purchase.

