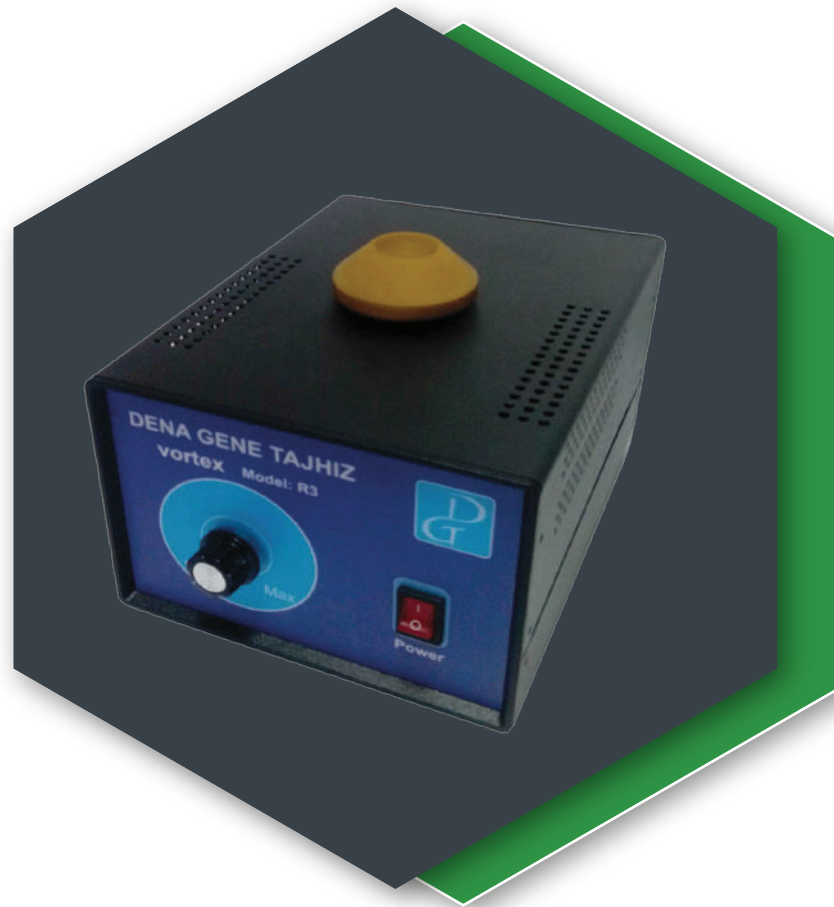


Vortex Mixer User Guide

Denagene Tajhiz Company
Biotechnology Lab Equipment manufacturer and designer





Vortex Mixer

www.Denagene.com

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Thanks for choosing the Denagene Tajhiz company's vortex mixer. This operation manual describes the function of the instrument. Please read the manual carefully before using it to ensure you can correctly operate the instrument. Please keep this manual properly for later use if you encounter any difficulty. The first time opening the packing, please check the instrument and appendix with the packing list. If anything does not match the packing list, don't hesitate to contact us.

This manual serves as a valuable resource for all users of our products, whether you are a seasoned professional or just starting your scientific journey. It has been meticulously crafted to ensure that you clearly understand our laboratory equipment's features, functionality, and proper usage.

Within these pages, you will find detailed instructions, diagrams, and troubleshooting guides that will assist you in harnessing the full potential of our products. We have taken great care to ensure that the content is organized logically, making it easy for you to navigate through the manual and locate the information you need quickly.

Moreover, this manual is a living document that reflects our ongoing commitment to excellence. As we continue to develop and improve our product offerings, we will provide updates and revisions to this manual to ensure that you always have the most up-to-date information at your fingertips.

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Introduction

The Vortex Mixer is used for mixing various samples, especially molecular biology samples. For example, it is essential for premixing samples before performing PCR.

The Vortex Mixer, produced by Denagene Tajhiz Company, is equipped with user-friendly features, affordable pricing, excellent warranty conditions, and post-sales services, making it an excellent choice for both users and researchers.

Safety Instructions

- ◆ Place the apparatus on a level surface.
- ◆ Ensure that the sample lids are securely closed before placing them for mixing.
- ◆ Do not use the apparatus in a high-humidity environment.
- ◆ Connect the apparatus only to a power source with the appropriate voltage.
- ◆ Disconnect the apparatus from the power source before any movement.
- ◆ Protect the apparatus from shaking and falling.



How to Use

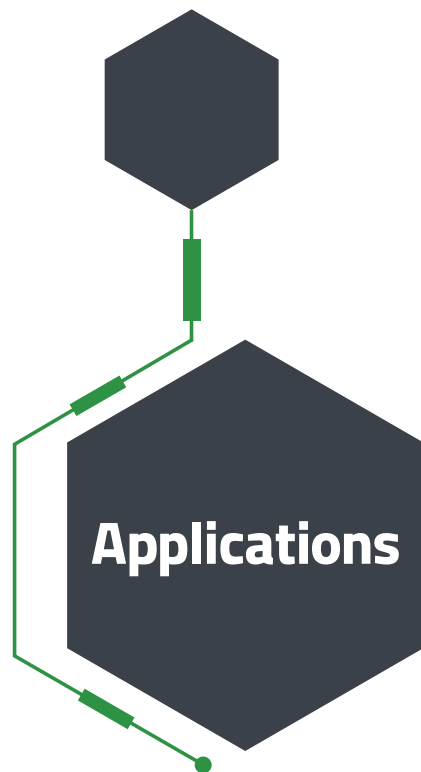
1. Unpack the apparatus and remove it from its packaging.
2. Place the device on a smooth and level surface.
3. Connect the power cable at the back of the apparatus to a power source. Place the rubber head on the apparatus shaft and, by pressing the power button, the apparatus will be ready to use.
4. Now, by turning the volume control next to the power button, you can set the apparatus within a range of different mixing intensities. The more the volume control is turned towards Max, the more intense the mixing will be.
5. Place the sample in the Falcon tube in the designated head on the apparatus. Make sure that Falcon tubes used for mixing are firmly held to prevent any potential hazards.

Maintenance

- In case of any issues with the apparatus, never attempt to open it, and promptly contact Denagene Tajhiz Company's warranty and after-sales service department.
- Avoid using strong corrosive substances such as acetone and benzene to clean the apparatus.
- It is advisable to clean the apparatus using a soft, damp cloth.

Technical Specification

Model	R3
Speed Settings	Up to 1400 rpm
Capacity	Types of Falcon tubes, test tubes, and 1.5 and 2 milliliter micro tubes
Input Voltage	220 V 50-60 Hz
Dimension	20 cm x 15 cm x 11 cm
Weight	4 kg
Operating Temperature	4-64 °C



- Cell culture
- PCR (Polymerase Chain Reaction)
- Genetic Engineering Research
- Nanobiotechnology
- Microbiology
- Plant laboratories
- Pharmaceutical industry
- Chemical engineering



Warranty and After-Sales Service

- Denagene Tajhiz Company provides a one-year warranty for the Vortex Mixer.
- The Vortex Mixer, manufactured by Denagene Tajhiz Company, comes with 10 years of after-sales service.



Documentation and Support

To obtain support for the latest services and support information for all locations, go to:

www.Denagene.com

At the website, you can:

- Access worldwide telephone and fax numbers to contact Technical Support and Sales facilities
- Search through frequently asked questions (FAQs)
- Submit a question directly to Technical Support
- Search for user documents, SDSs, vector maps and sequences, application notes, formulations, handbooks, certificates of analysis, citations, and other product support documents
- Obtain information about customer training
- Download software updates and patches

