VEVOR YF005

VEVOR Automatic Electric Vibrating Sieve (Model YF005) Instruction Manual

Model: YF005

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your VEVOR Automatic Electric Vibrating Sieve, Model YF005. Please read this manual thoroughly before initial use and retain it for future reference.

2. Safety Instructions

- Always ensure the power supply matches the voltage specified on the product label.
- Do not operate the machine with wet hands or in wet conditions.
- Keep hands and loose clothing away from moving parts during operation.
- Unplug the machine from the power outlet before cleaning, maintenance, or when not in use.
- Do not overload the sieve. The maximum recommended load is 6.6 lbs (3 kg).
- Ensure the sieve frame is securely fastened with the spring hooks before starting the machine.
- This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. Product Overview

The VEVOR Automatic Electric Vibrating Sieve is designed for efficient separation of powders and liquids. It features durable stainless steel construction and a powerful motor for consistent performance.

3.1 Components

- Motor Base
- Sieve Frame (with spring hooks)
- Sieve Mesh (12 mesh and 80 mesh included)

- Stainless Steel Sealing Cover
- Material Outlet
- Non-slip Rubber Feet

3.2 Key Features

- **Premium Stainless Steel Construction:** Ensures durability, hygiene, and resistance to corrosion.
- **Dual Mesh Options:** Includes 12 mesh and 80 mesh sieves to accommodate various material sizes.
- **Countertop Design:** Stable and portable, suitable for various kitchen and industrial settings.
- **High-Efficiency Motor:** Provides rapid and continuous sieving with quick start-up.
- **Noise Reduction:** Superior spring assembly minimizes operational noise and vibration.
- **Easy to Clean:** Raised sifter design and 304 stainless steel construction facilitate cleaning and prevent clogging.

Figure 1: VEVOR Automatic Electric Vibrating Sieve, fully assembled. The unit includes a motor base, two sieve layers, and a top cover. A cleaning brush and non-slip pad are also shown.

Figure 2: Detailed views of the sieve's construction, highlighting the stainless steel sealing cover, the uniform round outlet for material discharge, the elastic spring hook mechanism, and the stable stainless steel base.

Figure 3: An illustration demonstrating the two included sieve types, 12 mesh and 80 mesh, along with examples of suitable materials for each, such as rice for 12 mesh and fine powders like Chinese medicine for 80 mesh.

4. Setup

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts listed in the 'Product Overview' section are present and undamaged.
2. **Placement:** Place the motor base on a stable, level, and dry surface. Ensure there is adequate space around the unit for ventilation and operation. The non-slip pads on the base help secure the unit and reduce vibration.
3. **Assembly:**
    a. Place the desired sieve mesh onto the motor base.
    b. If using multiple sieves, stack them in the desired order (coarser mesh on top).
    c. Position the sieve frame over the mesh.
    d. Secure the sieve frame to the motor base using the four spring hooks. Ensure the springs are properly engaged and provide sufficient tension to hold the frame firmly in place.
    e. Place the stainless steel sealing cover on top of the uppermost sieve.

4. **Power Connection:** Connect the power cord to a grounded electrical outlet that matches the machine's voltage requirements.

Figure 4: The VEVOR Automatic Electric Vibrating Sieve with its top sieve detached, illustrating how the sieves are stacked and the design of the material outlet for material flow.

5. Operating Instructions

1. **Preparation:** Ensure the machine is properly assembled and secured. Select the appropriate mesh size for your material. For example, 12 mesh is suitable for rice, while 80 mesh is ideal for fine powders like Chinese medicine.
2. **Loading Material:** Carefully pour the material to be sifted into the top sieve. Do not exceed the maximum load capacity of 6.6 lbs (3 kg). Overloading can reduce efficiency and potentially damage the motor.
3. **Start Operation:** Turn on the power switch. The motor will begin to vibrate, causing the material to sift through the mesh.
4. **Monitoring:** Observe the sifting process. The vibratory action will separate the finer particles, which will pass through the mesh and exit via the material outlet. Coarser particles will remain on the sieve.

5. **Completion:** Once the sifting process is complete, turn off the power switch.
6. **Material Collection:** Collect the sifted material from the outlet. Carefully remove the top cover and sieve frames to access any remaining material or to change meshes.

Figure 5: The vibrating sieve positioned on a kitchen counter, illustrating its compact and portable design suitable for various environments including restaurants, bakeries, flour mills, and home kitchens.

Figure 6: An internal view highlighting the high-performance motor for rapid sieving, the clamped design to prevent material escape, and the spring assembly designed to reduce operational noise and vibration.

6. Maintenance and Cleaning

Regular cleaning and maintenance ensure the longevity and optimal performance of your vibrating sieve.

1. **Disconnect Power:** Always unplug the machine before cleaning.
2. **Disassembly:** Carefully remove the top cover, sieve frames, and mesh screens.
3. **Cleaning Components:** Wash the stainless steel sieve frames, mesh screens, and cover with warm water and a mild detergent. Use the included brush to remove any stubborn residue from the mesh.
4. **Cleaning Base:** Wipe the motor base with a damp cloth. Do not immerse the motor base in water or allow water to enter the motor housing.
5. **Drying:** Ensure all components are thoroughly dry before reassembly or storage to prevent rust and bacterial growth. The product is NOT dishwasher safe.
6. **Storage:** Store the clean and dry sieve in a cool, dry place.

Figure 7: A visual representation of the sieve's 3kg maximum processing capacity, emphasizing its ease of cleaning and the use of durable 304 stainless steel for the sifter.

7. Troubleshooting

Problem	Possible Cause	Solution
Machine does not start	No power supply; Power switch faulty; Motor issue.	Check power cord connection and outlet. Ensure the power switch is in the 'ON' position. If issues persist, contact customer support.
Inefficient sifting or clogging	Overloading; Incorrect mesh size; Material too damp/sticky; Mesh clogged.	Reduce material load. Use appropriate mesh size for material. Ensure material is dry enough for sifting. Clean the mesh thoroughly.
Excessive noise or vibration	Sieve frame not secured; Uneven surface; Damaged springs.	Ensure all spring hooks are properly engaged and taut. Place the machine on a stable, level surface. Inspect springs for damage; replace if necessary.

Problem	Possible Cause	Solution
Springs straighten out or detach	Improper installation; Excessive force during handling.	Ensure springs are correctly hooked into designated points. Use pliers for installation/removal to avoid pinching fingers and ensure secure attachment.

8. Specifications

Parameter	Value
Item Model Number	YF005
Power	45W
Motor Speed	1150 r/min
Sifter Load Capacity	≤3kg (6.6 lbs)
Mesh Sizes Included	12 Mesh + 80 Mesh
Net Weight	12.8 lbs / 5.8 kg
Product Dimensions (L x W x H)	18.9 x 14.17 x 14.17 inches (350 x 320 x 360 mm)
Material	Stainless Steel
UPC	197988409434

Figure 8: A comprehensive overview of the product's accessories, including two sieves, a cleaning brush, a non-slip pad, and the instruction manual. Also shown are the product dimensions and key technical specifications.

9. Warranty and Support

VEVOR products are designed for reliability and performance. For warranty information, technical support, or assistance with your VEVOR Automatic Electric Vibrating Sieve, please contact VEVOR customer service. Refer to the contact information provided with your purchase or visit the official VEVOR website for details.