

VWR[®] 3D Nutating Mixer

Instruction Manual



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Table of Contents

Introduction.....	1
Safety Tips.....	1
Receiving and Inspection.....	2
Features.....	3
Specifications.....	3
Structure.....	3
Product Assembly.....	4
Operation	4
Maintenance.....	4
Trouble Shooting.....	4
Packing List.....	5
Disposal and Recycling Information.....	5
Warranty Card.....	5

VWR® 3D Nutating Mixer - User's Manual

Introduction

Thank you for choosing VWR's 3D Nutating Mixer. 3D Nutating Mixers are used in the medical, biotechnology, chemistry, pharmaceutical, and other research fields for the purpose of basic mixing of blood collection tubes, centrifuge tubes, and more.

Before using the unit, please read this entire manual carefully to understand how to operate and maintain your 3D Nutating Mixer. Your satisfaction with the unit will increase by taking the time to read about its safety and operational notices.

Keep this manual on-hand for use by all operators of the unit. Be sure all operators of the unit are given appropriate training before using the unit.

Safety Tips

1. Be sure to follow any city, county, or other ordinances in your area regarding the use of this unit.
2. Use only approved accessories. Do not modify system components. Any alterations or modifications to your instrument may be dangerous and will void your warranty.
3. Do not modify the power cord provided with the unit. If the plug does not fit an outlet, have a proper outlet installed by a qualified electrician.
4. Please only use the enclosed power supply adaptor to supply the unit.
5. Place the unit on a level and sturdy surface to avoid vibration and noise.
6. Please check that the equipment and accessories are intact before each operation.
7. Ensure that the installation of accessories are in the right location.
8. Do not use the instrument for long consecutive hours.
9. After use, please disconnect the power cord from the outlet.
10. If the 3D Nutating Mixer will not be used for an extended period of time, please disconnect it from the outlet and clean the unit with a soft fabric.
11. Handle the instrument with care to avoid damages to the unit.
12. **DO NOT** clean the unit with corrosive or flammable liquid.

VWR® 3D Nutating Mixer - User's Manual

Receiving and Inspection

Your satisfaction and safety require a complete understanding of this unit, including its proper function and operational characteristics. Be sure users are given adequate training before attempting to operate the instrument.

1.1 Inspection: Upon delivery, please inspect the package for any visible exterior damage. If any is found, please note and describe the damage on the freight bill and enter your claim on the form supplied by the carrier.

1.2 Inspect the unit itself for any damage. If any is found, the carrier will arrange for official inspection to substantiate your claim. Save the packaging materials until you are sure the unit has been delivered in good condition.

1.3 Return Shipment: If for any reason you must return the unit, please contact VWR Customer Service.

1.4 Accessories: Make sure that all of the equipment indicated on the packing slip is included with the unit. Carefully check all packaging materials before discarding.

◆ After you receive your product, please check the unit and all the standard accessories immediately. If there are any damaged or missing items, please contact your distributor.



User's manual



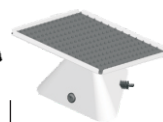
Screwdriver



Silicone rubber pad



Tray



3D machine

VWR® 3D Nutating Mixer - User's Manual

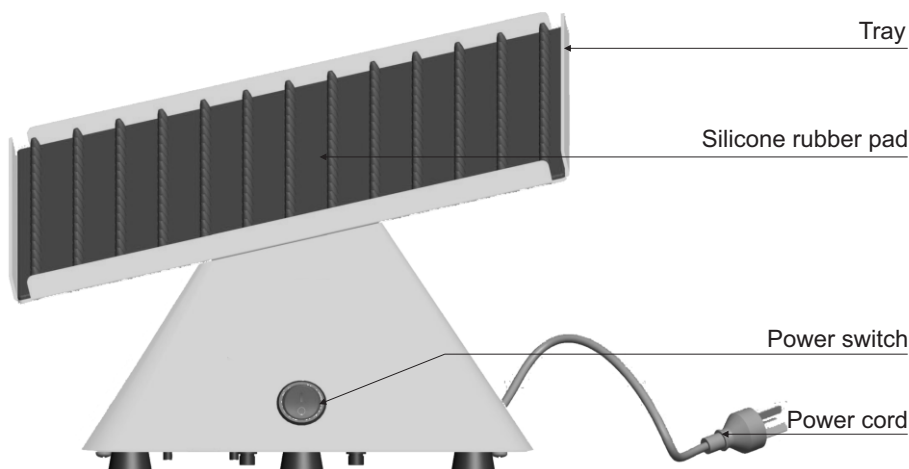
Features

1. Smooth rotation for well-mixed samples.
2. Fixed speed and angle for easy operation.
3. Ambient temperature of 5°C to 45°C.

Specifications

Model No.	76595-802
Speed	24rpm
Platform Incline Angle	20°
Platform Dimensions	260 x 260mm
Ambient Temperature	5~45°C
Max. Load	0.8Kg
Overall Dimensions	260x260x190mm
Weight	1.8Kg
Protection class	IP 21
Power Supply	AC110V, 50Hz/60Hz, 14W
Certifications	CE, RoHS, WEEE

Structure



VWR® 3D Nutating Mixer - User's Manual

Product Assembly

Use the included screwdriver to attach the tray to the 3D Shaker with 3 screws. (see Figure 1)



Figure 1

Operation

After confirming the ambient temperature and your power source, you can connect the power cord to your power outlet.

1. Connect the power cord to AC outlet.
2. Flip the power switch turn to "I", and the machine will run.
3. The machine will stop running by flipping the power switch back to "O".

Maintenance

For safe usage, please follow the directions below:

- Unplug the power cord before cleaning.
- Clean with a damp cloth or soft, non-corrosive (pH<8) wipe.
- Do not spray the unit directly with any cleaning supplies.
- Ensure the unit is completely dry before operation.
- Wear gloves while cleaning the unit.
- Regularly inspect the unit to ensure it is clean and free of any harmful residue.

Trouble Shooting

If the unit is not operating properly, please refer to the following table. If the problem persists, please contact VWR Customer Service.

Problem	Cause	Solution
Unit will not work.	Power not on.	Check that the power switch is "on".
Loud or unusual.	Instrument is not level.	Place unit on strong, level platform.
Unit makes noise or shakes during operation.	Clamp is not secure.	Ensure the clamp and sample are secure and balanced.
	Sample is imbalanced.	
	Unit is in contact with another object.	Move unit away from nearby object.

VWR® 3D Nutating Mixer - User's Manual

Packing List

Description	Qty	Remark
3D Shaker (76595-802)	1	✓
Tray	1	✓
Screwdriver	1	✓
Silicone rubber pad (76595-818)	1	✓
User's Manual	1	✓

Disposal and Recycling Information



The symbol shown to the left indicates that this product shall not be treated as household waste. In line with EU Directive 2012/19/EU for waste electrical and electronic equipment (WEEE), this electrical product must not be disposed of as unsorted municipal waste. Please dispose of this product by returning it to the point of sale or to your local municipal collection point for recycling.

WARRANTY CARD

Save this card carefully please. When you need service, contact the service company with card & invoice.

Warranty Card

User Name		Telephone	
Address			
Zip Code		E-mail	
Product Name		Model	
Serial number		Purchase Date	

- Warranty Scope:
 1. Warranty period is 24 Months from purchase date.
- Warranty is not valid under the following circumstances:
 1. Warranty term is expired.
 2. Damage due to improper use, maintenance or handling.
 3. Unmatched serial numbers, or modification of serial numbers.

Customer service hotline: please contact VWR's customer service department at 1-800-932-5000.
User: the above information should be completed by the seller.

