

LynxStir

Magnetic Stirrer

User's Manual



Available in Canada from ...

MJS
BioLynx
INC.

MJS
BioLynx
INC.
www.biolynx.ca

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Introduction

Thank you for choosing BioLynx' s product. This product can be used in medical, biotechnology, chemistry, and other research fields. It was designed to be ergonomic and highly waterproof.

Before you use the unit, please read this entire manual carefully to understand how to operate and maintain the instrument.

Keep this manual on-hand so it can be used by all operators of the unit. Be sure all operators of the unit are given appropriate training before putting the unit in service.

Cautions for Usage

1. Be sure you 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 with the unit.
5. Place the unit on a level and sturdy surface to avoid vibration and noise.
6. Be mindful of liquid level to avoid splashing while stirring.
7. Place container on the center of working plate.
8. Keep the unit stable when in operation.
9. Clean the stir bar after use.
10. DO NOT clean the unit with any corrosive or flammable liquids.

Receiving and Inspection

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

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

1.2 Inspect for concealed loss or damage on the unit itself. If any, the carrier will arrange for official inspection to substantiate your claim. Save the shipping crate 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 your distributor's customer service department.

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.

Features

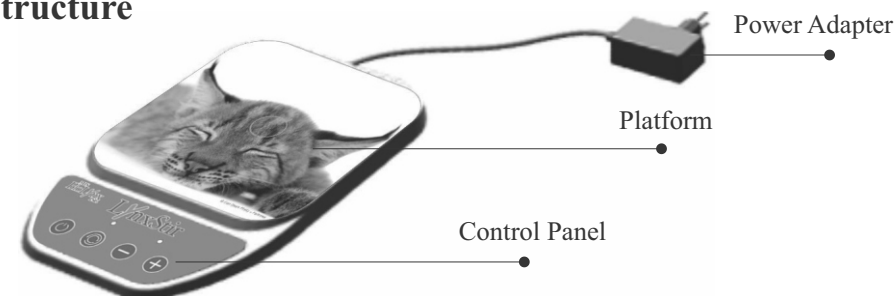
- Ergonomic design
- Motorless drive mechanism for quiet maintenance-free operation

Specifications

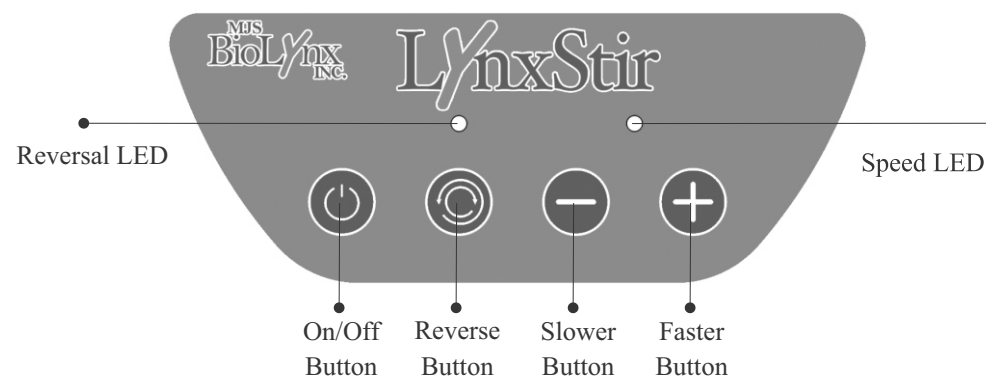
Speed	15-1500rpm
Capacity	500ml Water
Working Platform	110×110mm
Load	Max. 2.0kg
Ambient	5-40°C, ≤ 80%RH
Weight	0.3kg
Power Supply	AC100-240V, 50/60Hz
Power	6W
Dimensions (L×W×H)	175mm×125mm×20.5mm
IP rating (DIN EN 60529)	IP 45
Certifications	CE Marked

Model	Plug
MS-01FUA	US, CA
MS-01FUW	E-EN-AU
MS-01FUSA	SA

Structure



Panel



Operation Instructions

1. Connect the unit to the power supply, and turn it on.
2. Put the stirrer bar into a container first.
3. Put the container on the center of the working plate of magnetic stirrer.
4. Set the speed: The initial speed is 15rpm, and spin speed value can be changed 15rpm by at a time by pressing the “**-**” or “**+**” keys. Speed will be memorized after power off.
5. Set clockwise/counterclockwise spin: Press “**⌚**”. Under this mode, the stirring direction of stirrer bar will be reversed every 30 seconds. The stirrer bar will stop for 5 seconds at every reversal. The Reversal LED will light up.

Note:

1. If any abnormal stirring starts, please slow down the speed until the spinning returns back to normal.
2. Start the unit from lower speed and gradually increase the speed for best operation.

Maintenance

For safe use, please follow directions below:

- Unplug the power cord before cleaning.
- Clean the unit with a soft cloth and non-corrosive liquid (PH<8).
- Do not spray the unit.
- Make sure the unit is completely dry before use.
- Make sure there aren't any hazardous materials in the unit prior to maintenance.

Troubleshooting

Please find solution from the table below before calling for service.

Description	Cause	Solution
Not working	Power off	Power on
	Local power failure	Call service provider
No stirring or improper stirring	Placed on an uneven surface	Place the unit on level surface
	Improper choice on viscosity gear	Choose a proper viscosity gear
	Liquid overflown	Decrease liquid

Packing List

Description	Quantity	Remark
Magnetic Stirrer	1	✓
User's Manual	1	✓
Adapter	1	✓
Adapter Converter	1	For SA
Stir Bar (ø7mm×20mm)	1	✓
Accessories	Stir Bar Retriever (ø7mm×320mm)	

WARRANTY CARD

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

Warranty Card

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

- Warranty:
 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: 1-888-593-5969

Maintenance records

The following should be completed by maintenance staff.

	Name of service		Maintenance date	
First	Address		Telephone	
	Maintenance sheet number		Maintenance staff signature	
	Name of service		Maintenance date	
Second	Address		Telephone	
	Maintenance sheet number		Maintenance staff signature	
	Name of service		Maintenance date	
Third	Address		Telephone	
	Maintenance sheet number		Maintenance staff signature	