Operation Manual

BMSS-102

Multistation Stirrer

Thank you for Choosing Biolab products. Please read the “Operating Instructions” and “Warranty” before operating this unit to assure proper operation.

Index

01 Introduction

Multistation Stirrer BMSS-102 is designed for the high-efficiency experiments and has 4/8/12 stir bar configurations to choose. It can use laboratory space effective. DC brushless motor make the model:low speed but stable,high speed but powerful with low noise. Stainless steel is coated by silicone resin film disk. Non-slip and anti-corrosion.

02 Product Features

1. Digital display stirring speed at real-time , stir bar operate synchronously and provide uniform agitation reaction conditions.
2. Efficient multi-position magnetic stirrer configure 4/8/12 stirring positions to use lab space effective.
3. DC brushless motor. Low speed but stable, high speed but powerful. Low noise and free maintenance.
4. Stainless steel is coated by silicone resin film disk. Non-slip and anti-corrosion.

03 Operation Instruction

Model	BMSS-102
Stirring Point Quantity	8
Max Stirring Volume	40
Rotating Speed Display	Digital Display
Rotating SpeedRange	200～1200rpm
Platform Material	Stainless steel with silicon resin film Motor Brushless DC Motor
Input Voltage	AC100～230V 50/60Hz
Power	20W
Fuse	250V,1A, Ø5*20
Dimension	205*D.480* H.50mm
Net Weight	4kgs

1. Adjustment knob is not only the knob for adjusting speed, but also is the switch knob. When rotate the knob down, the instrument powers on.
2. The speed value should be set before operation. It doesn't work to adjust the speed while instrument is working.
3. The stirring force can be adjusted. When the solution is weak or the stirring positions are less,you can set the stirring force small. When the solution is strong or the stirring positions are many,you can set the stirring force large.
4. Stirring force adjusting method:Before turning on the switch, press adjustment knob for about 5 seconds, it enters the stirring force adjustment model. Then adjust the stirring force by rotating the adjustment knob.

04 Application

BMSS-102 multi-position magnetic stirrer operates simplly. It can stir the liquid solution precisely and stablly in a wide speed range. specially for small volume sample test. it is an ideal instrument for modern oil,chemical industry,medical health,environmental protection,biochemistry, experimental analysis and education research.

05 Packing List

No.	Name	Type	Unit	Qty	Remarks
1	Multi-position Magnetic Stirrer	BMSS-102	Set	1	
2	Power Line	220V/10A	EA	1	
3	Stirring Bar		EA	8	
3	Performance Test Statement		EA	1	
4	Operation Manual		EA	1	
5	Certificate		EA	1	
Charger: (Sign/Stamp)		Packing date：			

06 Performance Test Statement

Name	Multi-position Magnetic Stirrer		Type	**BMSS-102**
Text Date			Production No.	MU-E101-1016
No.	Name	Test Content	Standard	Result
1	Speed Range	Tachometer	200-1200rpm	□Qualified
2	Basic Function	Visual Inspection	Valid	□Qualified
3	Appearance Demand	Visual Inspection	Valid	□Qualified
4	Appearance Sign	Visual Inspection	Valid	□Qualified
5	Withstand Voltage	Dielectric Strength Tester	50Hz、1250V	□Qualified
6	Earth Leakage Current	Drain Current Tester	≤0.75mA	□Qualified
5	Ground Resistance	Earth Resistance Tester	≤100mΩ	□Qualified
6	Continuous Work Test	Visual Inspection	5 hours no irregular	□Qualified
Test Result				
Remarks:				
Tester:		Confirmer:		

BIOLAB SCIENTIFIC LTD.
3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8 Canada
Email: contact@biolabscientific.com Tel: +1 707 533 1445
Website: www.biolabscientific.com