

STALWART

Multi-Position Magnetic Stirrer SMP-Series



User Manual

1. Introduction :

SMP-800 multi-position magnetic stirrer is designed for the high-efficiency experiments and has 8 stir bar configurations to choose. It can use laboratory space effectively. DC brushless motor makes 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.

2. Product Features

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

3. Operation Instruction

Model	SMP
Stirring Point Quantity	8
Max Stirring Volume	40
Rotating Speed Display	Digital Display
Rotating Speed Range	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

4. Operation Instruction

- 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.
- The speed value should be set before operation. It doesn't work to adjust the speed while instrument is working.
- 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.
- 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.

5. Application

SMP-800 multi-position magnetic stirrer operates simply. It can stir the liquid solution precisely and stably 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.

Packing List

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

Performance Test Statement

Name	Multi-position Magnetic Stirrer	Type	SMP-800	
Text Date		Production No.	MU-E101-1016	
No.	Name	Test Content	Standard	Result
1	Speed Range	Tachometer	200-1200rpm	<input type="checkbox"/> Qualified
2	Basic Function	Visual Inspection	Valid	<input type="checkbox"/> Qualified
3	Appearance Demand	Visual Inspection	Valid	<input type="checkbox"/> Qualified
4	Appearance Sign	Visual Inspection	Valid	<input type="checkbox"/> Qualified
5	Withstand Voltage	Dielectric Strength Tester	50Hz, 1250V	<input type="checkbox"/> Qualified
6	Earth Leakage Current	Drain Current Tester	≤0.75mA	<input type="checkbox"/> Qualified
5	Ground Resistance	Earth Resistance Tester	≤100mΩ	<input type="checkbox"/> Qualified
6	Continuous Work Test	Visual Inspection	5 hours no irregular	<input type="checkbox"/> Qualified
Test Result				
Remarks:				
Tester:			Confirmer:	