

Fluxstir Motorless Magnetic Stirrer



FSH 3



FS 3

fluxstir Motorless Magnetic Stirrer

An ideal stirring device for low viscosity liquids. can work continuously for longer duration.

Salient Features :

- Power on/off switch with fuse protection.
- Reset button.
- Smooth variable speed control.
- Viscosity selector (high-low).
- Direction selector (cw-ccw).
- Compact sleek stainless steel housing.

Technical Data

Model	FS3	FSH 3	FSH 3 R (with Remote Control)
Number of Stations	1	1	1
Stirring Volume	50 - 3000 ml	50 - 3000 ml	50 - 3000 ml
Mains input	240 V.AC (-15 to +10 %) 50 Hz. (-15 to +5 %)	50 Hz. (-15 to -5 %) 240 V.AC (-15 to -10 %)	240 V.AC (-15 to +10 %) 50 Hz. (-15 to -5 %)
Fuse	1No. 100 Ma 5A	2 Nos. 100 Ma 5A	2 Nos. 100 Ma 5A
Power Consumption - Drive	6 watts	6 watts	6 watts
Power Consumption - Heater	-	500 watts	500 watts
Speed Range (Standard)	100 - 900 R.P.M.	100 - 900 R.P.M.	100 - 900 R.P.M.
Speed Range (Optional)	15 - 150 R.P.M.	15 - 150 R.P.M.	15 - 150 R.P.M.
Speed Variation	Constant speed even if viscosity changes or supply voltage vary within specified limits.	Constant speed even if viscosity changes or supply voltage vary within specified limits.	Constant speed even if viscosity changes or supply voltage vary within specified limits.
Magnetic Stirring Paddle	9mm dia X 35mm long	9mm dia X 35mm long	9mm dia X 35mm long
Hot Plate Temperature	(Not Applicable)	250 degrees centigrade	350 degrees centigrade
Temperature Control	(Not Applicable)	Electronic Control	Electronic Control
Stirring Plate	130 mm dia	164 mm dia.	164 mm dia.
Electrical Protection	Current limit & Short Circuit	Current limit & Short Circuit	Current limit & Short Circuit
Housing - Base Plate	Aluminum	Aluminum	Aluminum
Housing - Top Plate	Stainless Steel	Stainless Steel	Stainless Steel
Hot Plate	(Not Applicable)	Aluminum	Aluminum
Housing Surface	Chemical Resistant	Chemical Resistant	Chemical Resistant
Finishing	Epoxy Powder.	Epoxy Powder	Epoxy Powder

Dimensional Specifications - Heater Box Only

	152 mm	184 mm	184 mm
Width	152 mm	184 mm	184 mm
Depth	253 mm	305 mm	184 mm
Height	58 mm	80 mm	78 mm
Weight	2.1 kg	3.2 kg	2.3 kg

Functional Features

Drive	Motor Less Drive, No wear & tear of moving parts or bearings. Suitable for continuous operation for longer duration.
Speed Control	Step less variable speed facilitating stirring from 100 - 900 R.P.M.
Re-set Option	Incase the magnetic follower moves off center due to external disturbance to the liquid or shifting the vessel, the reset button can bring the follower in position & will restart the stirring at the speed set by you.
Direction Selection	Allows you the option of stirring clockwise or counter clockwise rotation.
High / Low Speed Mode	Option of High Speed Mode & Low Speed Mode to select, depending on the viscosity of the solution being stirred.
Heating & Temp. Control	Surface Temperature of Hot Plate Model FSH 3 - 250 °C and FSH 3 R - 350 °C. Electronic temperature control.

Model FS 601

- The features include step less variable speed control, High / Low speed mode.
- Clock wise / counter clock wise rotation selection and reset button.
- The compact and sleek designed flux stir is made of stainless steel top with epoxy coating with 6 multi points.