

# OVERHEAD STIRRER STR45-40



# OVERHEAD STIRRER STR45-40

Laboratory overhead stirrers are designed for the safe and effective mixing of large volumes of liquids. It guarantee best mixing results through its self-reinforcing flow characteristics. Ideal for all mixing applications in the laboratory. Quality, performance and reliability are the best features that makes it unique.

Used in Chemical Synthesis, Medical, Pharmaceutical Synthesis, Physical analysis, Laboratory, Chemical Analysis, Petrochemical Industry, Research, Pharmaceutical.

Also known as Flange mounted vertical stirrer, Mechanical stirrer, Laboratory Overhead stirrer, Laboratory Flange mounted vertical stirrer, Laboratory Mechanical stirrer, Digital Overhead Stirrer.

## STR45-40 OVERHEAD STIRRER

High reliability and outstanding performance.

A wide range of speed from 50 to 2200rpm.

Brushless DC motor for long life, maintenance free and explosion proof.

LED screen for monitoring actual speed.

Safety circuits allow for safe stop function in anti-stall or overload conditions.



## SPECIFICATIONS

Model	STR45-40
Max. stirring quantity [H 2 O]	40 L
Max. torque	60 Ncm
Speed display accuracy	±3 rpm
Overload protection display	LED lights
Viscosity max.	50000 mPas
Chuck range diameter	0.5-10 mm
50~2200 rpm	Temperature
5-40°C	Maximum Temperature
0.8	Heating Warning
100	Heating Output
Brushless DC motor	Protection Class
IP21	Overall Dimension
83Wx.220Hx186Dmm	Weight
2.8 kg	Power
130 W	Power Supply

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Dimension
LS54181	Universal plate stand	Universal plate stand including support holder and fixing device Grey	Universal plate stand (WxD) : 335x463 mm Support Holder (H) : 78cm
LS54193	Universal plate stand	Universal plate stand including support holder and fixing device Grey	Universal plate stand (WxD) : 20x31cm mm Support Holder (H) : 78cm
LS54205	Crossed Stirrer	Crossed stirrer, shaft length 40 cm, stirrer diameter 5 cm, 316 L stainless steel	Universal plate stand (WxD) : 20x31cm mm Support Holder (H) : 78cm
LS54217	Crossed Stirrer	Crossed stirrer, shaft length 40 cm, stirrer diameter 6 cm, 316 L stainless steel	
LS54229	Centrifugal Stirrer	Crossed stirrer, shaft length 40 cm, stirrer diameter 6.8 cm, 316 L stainless steel	
LS54241	Crossed Stirrer	Centrifugal stirrer, shaft length 40 cm, stirrer diameter 9 cm, 316 L stainless steel	
LS54301	Crossed Stirrer	Crossed stirrer, shaft length 35 cm, stirrer diameter 6.5 cm, PTFE coated	
LS54313	Straight Stirrer	Straight stirrer, shaft length 35 cm, stirrer diameter 7 cm, PTFE coated	
LS54325	Centrifugal Stirrer	Blade stirrer, shaft length 35 cm, stirrer diameter 6.8 cm, PTFE coated	
LS54337	Centrifugal Stirrer	Centrifugal stirrer, shaft length 35 cm, stirrer diameter 8.5 cm, PTFE coated	
LS54349	Crossed Stirrer	Crossed stirrer, shaft length 40 cm, stirrer diameter 5 cm, 316 L stainless steel (prevent the liquid spills)	



**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)