

OVERHEAD STIRRER STR45-50



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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.

STR45-50 OVERHEAD STIRRER

LED with backlit displays real-time speed and time. It is convenient and accurate for readings easy to operate

Precise control speed. Control accuracy is ± 3 rpm. Accurately display the actual speed actual value / set value

Constant rotation speed, the torque can be automatically adjusted according to the change

of sample viscosity to maintain the set rotation speed

Anti-spill samples, smooth start, effectively prevent spilling

Clockwise & counter clockwise stirring exchange mode. Stirring effect is better

Closed shell to prevent liquid from entering the machine interior for corrosion circuit, ensure safe operation. Long time continuous and stable operation

Overload protection and motor protection. When overload, short circuit and abnormal speed occur, it will cut off the circuit and alarm automatically to ensure safe running and lab safety



SPECIFICATIONS

Model	STR45-50
Max Stir Capacity (H ₂ O)	40 L
Time Range	30s~999 min
Speed Range	50~2200 rpm
Speed Control Accuracy	± 3 rpm
Speed Display Accuracy	± 1 rpm
Max. Torque	180N cm
Max. Viscosity	50000m Pas
Diameter Range	0.5~10 mm
Power	130 W
Dimension	240x380x830 mm
Weight	8.9 Kg
Voltage	DC24V, 5A

OPTIONAL ACCESSORIES

Accessory Code	Name	Stir Propeller Style	Spec	Dia. of the Propeller	Dia. of the Stir Rod	Length of the Stir Rod	Max. Speed
3300808005	Stirring Bars	Straight type	1 Blades	60 mm	8 mm	400 mm	2000 rpm

3300808006	Stirring Bars	Centrifugal type	2 Blades	90 mm	8 mm	400 mm	2000 rpm
3300808007	Stirring Bars	Propeller type	4 Blades	50 mm	8 mm	400 mm	2000 rpm
3300808008	Stirring Bars	Fan type	1 Blades	68 mm	8 mm	400 mm	1000 rpm
3300808009	Stirring Bars	Customized	Customized	Customized	8 mm	400 mm	Customized

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