MS-40 Digital Overhead Stirrer

Overhead Stirrer

Introduction

The Digital Overhead Stirrer is designed for mixing medium- to high-viscosity liquids and solid–liquid mixtures. It is suitable for a wide range of applications, including chemical synthesis, pharmaceuticals, physical and chemical analysis, petrochemicals, cosmetics, healthcare products and biotechnology.

Features

1. Features a backlit LED display showing real-time stirring speed and time for convenient and accurate monitoring.
2. Offers precise speed control with an accuracy of ±3 rpm, displaying both the actual and set speeds.
3. Automatically adjusts torque according to changes in sample viscosity to maintain a consistent stirring speed.
4. Features a smooth start-up function to help minimise sample spillage.
5. Offers clockwise and anticlockwise stirring modes for effective mixing.
6. Features a closed housing that helps prevent liquid ingress and protects internal circuitry against corrosion, ensuring safe and reliable continuous operation.
7. Includes overload and motor protection. Automatically cuts off power and activates an alarm in the event of a short circuit or abnormal speed conditions, helping to ensure safe operation.





Accessories



Cat#	Stir Propeller Style	Spec	Dia. of the Propeller	Dia. of the Stir Rod	Lenth of the Stir Rod	Max. Speed
MS-A	Straight type	1 blades	60mm	8mm	400mm	2000rpm
MS-B	Centrifugal type	2 blades	90mm	8mm	400mm	2000rpm
MS-C	Propeller type	4 blades	50mm	8mm	400mm	2000rpm
MS-D	Fan type	1 blades	68mm	8mm	400mm	1000rpm
MS-E	Customized	customized	customized	customized	customized	customized

Parameters

Model	MS-40	Max. Viscosity	50000mPas
Max Stir Capacity (H2O)	40L	Drill Chuck Clamping	0.5-10mm
Time Range	30s-999min	Diameter Range	DC 24V, 5A
Speed Range	50-2200rpm	Voltage	130W
Speed Control Accuracy	±3rpm	Power	W.240 x D.380 x H.830mm
Speed Display Accuracy	±1rpm	Dimension	8.9kgs
Max. Torque	180N.cm	Net Weight	