



## IMS-03 Overhead Stirrer

A high-performance overhead stirrer designed for high-viscosity and high-speed laboratory mixing applications requiring increased torque and power.

- High-power brushless DC motor for demanding mixing tasks
- Wide speed range up to 3000 RPM with digital touchscreen control
- Durable, chemical-resistant metal construction for lab use

<b>DESCRIPTION</b>	Basic High Torque Model
<b>MOTOR</b>	Brushless DC motor
<b>RATED POWER (W)</b>	105
<b>RATED CURRENT (A)</b>	6.4
<b>RATED VOLTAGE (V)</b>	24
<b>TORQUE MAX (N·CM)</b>	25
<b>SPEED RANGE (RPM)</b>	200–2500
<b>OPERATION</b>	Digital control via touchscreen
<b>SETTING ACCURACY SPEED (%)</b>	±2
<b>VISCOSITY MAX (MPa.s)</b>	17000
<b>MAX STIRRING VOLUME (H<sub>2</sub>O, L)</b>	20
<b>RECIPE/RECALL MODE</b>	No
<b>BUZZER OPTION</b>	No
<b>STIRRING DIRECTION</b>	CW
<b>STIRRING ELEMENT FASTENING</b>	Keyless chuck, easy to install and replace the shaft
<b>CHUCK SHAFT RANGE (MM)</b>	1-10
<b>IMPELLER SHAFT LENGTH (CM)</b>	27, 47
<b>TIMER</b>	Yes
<b>POWER SUPPLY (VAC, HZ)</b>	100~240 VAC, 50/60Hz
<b>DIMENSIONS (W×H×D, MM - INCH)</b>	250×786×327.8 mm (9.84×30.94×12.91 in)
<b>WEIGHT (KG)</b>	7.5 kg (16.5 lb)
<b>ACCESSORIES (STANDARD)</b>	4-Blade Paddle Impeller (FP-60) Universal stand (Extension arm length: 60 cm)

- **4.3" Color Touchscreen Interface** • **Brushless DC Motor Technology (105 W)** • **Speed Range: 200–2500 RPM**
- **Maximum Torque: 0.25 Nm** • **Suitable for High-Viscosity Applications**

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