



IMS-01 Overhead Stirrer

A precision-engineered, lab-scale overhead stirring system designed for R&D laboratories, universities, and controlled mixing applications.

- Brushless DC motor for stable and reliable operation
- Wide speed range from 100 to 2000RPM
- Digital touchscreen control for precise speed adjustment

DESCRIPTION	Basic Low Torque Model
MOTOR	Brushless DC motor
RATED POWER (W)	50
RATED CURRENT (A)	3.3
RATED VOLTAGE (V)	24
TORQUE MAX (N·CM)	16
SPEED RANGE (RPM)	100–2000
OPERATION	Digital control via touchscreen
SETTING ACCURACY SPEED (%)	±2
VISCOSITY MAX (MPa.s)	10,000
MAX STIRRING VOLUME (H₂O, L)	13
RECIPE/RECALL MODE	No
BUZZER OPTION	No
STIRRING DIRECTION	CW
STIRRING ELEMENT FASTENING	Keyless chuck, easy to install and replace the shaft
CHUCK SHAFT RANGE (MM)	1-10
IMPELLER SHAFT LENGTH (CM)	27, 47
TIMER	Yes
POWER SUPPLY (VAC, HZ)	100~240 VAC, 50/60Hz
DIMENSIONS (W×H×D)	250×756×327.8 mm (9.84×29.76×12.91 in)
WEIGHT	7 kg (15.4 lb)
ACCESSORIES (STANDARD)	4-Blade Paddle Impeller (FP-60) Universal stand (Extension arm length: 60 cm)

- **4.3" Color Touchscreen Interface** • **Brushless DC Motor with Digital Speed Control**
- **Speed Range: 100–2000 RPM** • **Maximum Torque: 0.16 Nm**