

PROGRAMMABLE RECIPE FUNCTION

Save & repeat mixing protocols with precision

AUDIBLE BUZZER ALERT

End-of-process and safety notification system



CW / CCW DIRECTION CONTROL

Instant rotation direction change for advanced applications

IMS-02 Overhead Stirrer

A high-precision, digitally controlled overhead stirrer engineered for intelligent and repeatable laboratory mixing applications.

- Advanced programmable digital control for precise mixing profiles
- Instant CW/CCW directional switching with integrated audible alert
- High-stability brushless DC motor with advanced RPM regulation

DESCRIPTION	Advanced 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	Up to 4 Steps
BUZZER OPTION	Yes
STIRRING DIRECTION	CW/CCW
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, MM - INCH)	250×756×327.8 mm (9.84×29.76×12.91 in)
WEIGHT (KG)	7.5 kg (16.5 lb)
ACCESSORIES (STANDARD)	4-Blade Paddle Impeller (FP-60) Universal stand (Extension arm length: 60 cm)

- **Brushless DC Motor with Digital Control** • **Speed Range: 100–2000 RPM** • **Maximum Torque: 0.16 Nm**
- **Touchscreen-Based Operation** • **Universal Power Input (100–240 V, 50/60 Hz)**