

MAGNETIC STIRRER

▶ Product Description

The LABMAN LWMS-300 Magnetic Stirrer offers efficient laboratory mixing with a speed range of 100–2000 rpm and a maximum stirring capacity of 5 litres. It features a 300°C hotplate, LCD display, PT1000 temperature sensor, DC brushless motor, programmable operation, forward/reverse stirring, timer function, and automatic memory. Its ceramic-coated aluminium alloy plate ensures reliable heating and corrosion resistance.

▶ Features

- LCD Display
- Multi Mode Operation ensures stable, sitting under varied conditions
- PT1000 temperature sensor (internal & external)
- Forward and reverse stirring modes with soft start and pause function
- Programmable operation, DC Brushless Motor
- Corrosion-resistant ceramic-coated aluminium alloy hotplate
- Automatic memory function retains last operating parameters

▶ Accessories

- Main Instrument
- ATC
- Back Cross Clamp
- SS Rod
- Temperature Support
- Stir Bar
- Power Cord
- Instruction Manual
- Test Certificate



► Application/Uses

- Mixing and homogenizing liquid samples in laboratories.
- Heating and stirring solutions during chemical experiments.
- Sample preparation in pharmaceutical, chemical, and research laboratories.
- Dissolving solids in liquids and preparing uniform mixtures.
- Routine applications in educational institutions, quality control, and analytical laboratories.

PARAMETER	SPECIFICATION
Product Name	Magnetic Stirrer
Model	LWMS-300
Make	LABWAN
Speed Range	100 - 2000rpm
Resolution	1rpm
Maximum Stirring Volume (H ₂ O)	5L
Maximum Temperature (Plate Surface)	300°C
Temperature Resolution	0.1
Temperature Accuracy	±1°C
Temperature Sensor	PT1000 (internal + external)
Timer Function	Yes
Display	LCD
Display Size	4.8"
Residual Heat Warning	Yes
Working Plate Material	Aluminium Alloy+ Ceramic Coating
Plate Size	150 x 150mm
Motor Type	DC Brushless
Housing Material	ABS
Power	450W
Power Supply	AC 220V/50-60Hz
Machine Dimension (LxWxH)	285 × 180 × 95mm
Packing Dimension (LxWxH)	440 x 230 x 145mm
Net Weight / Gross Weight	2.2kg / 2.6kg