

DIGITAL HOT PLATE MAGNETIC STIRRER CERAMIC TOP

► Product Description

Hotplate magnetic stirrer is a laboratory instrument used for liquid mixing, mainly used for stirring or simultaneous heating and stirring of low viscosity liquid or solid-liquid mixture. With the heating temperature control system, the sample temperature can be heated and controlled according to specific experimental requirements, maintaining the temperature conditions required for the experimental conditions, and ensuring that the liquid mixing meets the experimental requirements.

► Features

- Large LCD Display with back light.
- Over temperature alarm.
- Heating & stirring speed is step-less adjusted.
- Real time temperature and speed display.
- Ceramic hot plate with flame protection and excellent chemical resistance.
- Multi-function menu, can choose the stirring direction, use the timer function or choose the heating and operating mode. These options can be set independently throughout the stirring process.
- Two sensors, outside PT 1000 sensor control the liquid temperature, inside sensor control the hot plate temperature.
- Multiple safety function.

► Accessories

- Main Instrument
- Temperature Probe
- Stand for Temperature Probe
- Power Cord
- Instruction Manual



► Application/Uses

- Simultaneous heating and uniform mixing of liquids.
- Preparation of chemical solutions, reagents, and buffers.
- Temperature-controlled chemical reactions and experiments.
- Sample preparation and dissolution of chemicals.
- Used in chemical, pharmaceutical, biopharmaceutical, research, and educational laboratories.

PARAMETER	DETAIL
Product Name	Digital Hot Plate Magnetic Stirrer Ceramic Top
Model Name	LHPMS-20L
Make	LABWAN
Motor Output	9W
Max Stirring Capacity	20000 ml
Heating Power	500 W
Speed Range	50 – 2000 rpm
Temperature Range	RT +5 – 320°C
Time Range	99 hr 59 min 59 sec/ continuous
Stirring Direction	Clockwise / Counterclockwise
Surface Material	Ceramic
Plate Size	Ø135 mm
Protection Grade	IP42
Temperature Sensor	PT1000
Power Supply	220 V 50 Hz
Stir Bar Length	8 X 30 mm
Dimensions & Weight	160 × 270 × 90 , 2 KG