



***HOT PLATE MAGNETIC STIRRER***  
***LHMS-A13 AND LHMS-A14***

# Hot plate Magnetic Stirrer LHMS-A13 and LHMS-A14

Hot plate Magnetic Stirrer LHMS-A13 designed with Digital + Heating + Stirring mode of operation, 350°C maximum temperature, and 200 to 2000 rpm speed range. Features dual sensor model design, where PT100 sensor used, for controlling heating liquid temperature, and K model sensor used to control hot plate temperature. Heating & Stirring is proceeded simultaneously. LCD Screen Display shows temperature, rotational speed, and time simultaneously. It offers one key to shift inside and outside sensor, for easy, precise operation, and a speed switch to start and stop stirring at any time.

Hot plate Magnetic Stirrer LHMS-A14 designed with Digital + Heating + Stirring mode of operation, 350°C maximum temperature, and 200 to 2000 rpm speed range. Features dual sensor model design, where PT100 sensor used, for controlling heating liquid temperature, and K model sensor used to control hot plate temperature. Heating & Stirring is proceeded simultaneously. LCD Screen Display shows temperature and rotational speed simultaneously.

## **FEATURES**

- Mode of operation - Digital + Heating + Stirring
- Speed range - 200 rpm to 2000 rpm
- Maximum temperature 350°C
- Continuous work mode, Simultaneous heating and stirring
- Enclosed hot plate with flame protection, fast warm-up and durable
- Stepless adjustable heating power and stirring speed
- Hotplate Magnetic Stirrer comes with the adjustable PT100 sensor rack and stainless steel rods
- Dual Sensor Outer PT100 sensor for inner heating liquid temperature control
- K Model sensor to control hot plate temperature
- LCD Screen Display shows temperature, rotational speed, timesimultaneously (LHMS-A13)
- Speed switch to start and stop stirring at any time(LHMS-A13)
- One key to shift inside and outside sensor, for easy operation(LHMS-A13)
- LCD Screen Display shows temperature, rotational speed simultaneously (LHMS-A14)

## **APPLICATIONS**

Used to mix component, for liquid mixing, in chemical synthesis, physical and chemical analysis, bio- pharmaceuticals etc.

## SPECIFICATION

Model no.	LHMS-A13	LHMS-A14
Mode	Digital+Heating+Stirring	
Speed	200 rpm to 2000 rpm	
Plate size	190 × 190 mm	
Maximum volume	5000 ml	
Plate load	10 kg	
Working time	Continuous	
Temperature	350°C	
Minimum revolution	200 rpm	
Heating plate	SS with Ceramic coating	
Driving mode	Motor	
Stir bar	PTFE	
Setting mode	Digital	
Setting display mode	Digital	
Timer	Yes (Timing function: 0-9999 min)	No
Operation function	Yes	No
Sensor	PT100	
Voltage	110 V 50 Hz 220 V 60 Hz	
Exterior dimensions ( W × L × H )	320 × 190 × 125 mm	
Packaging dimensions ( W × L ×H )	390 × 240 × 230 mm	
Net weight	5 kg	
Gross weight	6 kg	