



HOTPLATE MAGNETIC STIRRER **LD-LHST-A23**

LD-LHST-A23 is a reliable and efficient hotplate magnetic stirrer designed for precise laboratory mixing and heating. Featuring a robust glass ceramic work surface, this unit offers excellent resistance to corrosion and high thermal conductivity for efficient energy transfer. With LCD digital display it ensures clear visualization of temperature and stirring speed, making it an ideal tool for accurate and safe experimental workflows

Features

- Equipped with a brushless DC motor for quiet, maintenance-free operation
- Includes digital speed control up to 1500 rpm for precise stirring
- Offers dual LCD display for clear speed and temperature monitoring
- Supports external temperature control via PT1000 sensor with $\pm 0.2^{\circ}\text{C}$ accuracy
- Integrated with HOT warning indicator when surface exceeds 50°C , even when off
- Designed with IP21-rated enclosure for basic protection from dust and condensation

Application

Hotplate magnetic stirrers are used for organic synthesis, extraction, analysis of oil products, pH-measurements, dialysis, soil suspending, preparing buffer solutions etc. across the field of chemical engineering, microbiology, pharmaceuticals, geology, scientific research etc.

Specification

Model No.	LD-LHST-A23
Work plate Dimension (W x D)	184 x 184 mm (7 inch)
Stirring positions	1
Capacity	20 L
Max. magnetic bar [length]	80 mm
Speed range	100-1500 rpm resolution ± 1 rpm
Heating temperature range	RT~ 550°C , increment 1°C
Temperature control accuracy	$\pm 1^{\circ}\text{C}$ ($<100^{\circ}\text{C}$) $\pm 1\%$ ($>100^{\circ}\text{C}$)
Overheating protection	580°C
Temperature display accuracy	$\pm 0.1^{\circ}\text{C}$
External temperature sensor	PT1000 (accuracy ± 0.2)
Warning Temperature	50°C
Data connector	RS232

Protection class	IP21
Motor rating input	18 W
Motor rating output	10 W
Power	1050 W
Heating output	1000 W
Voltage	100-120/200-240V 50/60Hz
Dimension (W x D x H)	215 × 360 × 112 mm
Weight	5.3 kg
Permissible ambient temperature and humidity	5-40°C, 80%RH