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Product Name :

Hot Plate Magnetic Stirrer

Product Code :

SLE/LS/04



Description :

Hot Plate Magnetic Stirrer (Product Code: SLE/LS/04) is a heated stirrer used for simultaneous heating and stirring of solutions in chemistry, biology and research laboratories. Two front-panel knobs set heat output and stirring speed independently, up to 1500 RPM, on a ceramic-coated aluminium top plate, with listed maximum temperatures of 350 °C and 380 °C. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, as a laboratory magnetic stirrer in India and for export.

Specifications

Parameter	Detail
Function	Simultaneous heating and stirring of solutions
Heating	Powerful heating elements for very quick heating of samples
Controls	Two front-panel knobs set heat output and stirring speed independently; integrated circuit for precise temperature and speed control
Maximum temperature	350 °C, 380 °C
Maximum speed	1500 RPM
Top plate	Aluminium, ceramic coated
Input rating	110 V AC / 60 Hz, 220 V AC / 50 Hz
Capacity	500 ml, 5 L
Supplied with	Teflon (PTFE) coated stirrer bar, support rod, boss head and clamping rod for connecting an external temperature probe
Product code	SLE/LS/04
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Hot Plate Magnetic Stirrer Used For?

Heating while stirring is the everyday way to dissolve reagents, prepare buffers and culture media, run reactions that need steady warmth, and concentrate solutions. The turning bar spreads heat through the whole volume, which reduces hot spots and bumping at the base of the vessel. Media preparation makes it useful microbiology lab equipment in India as well as a chemistry bench staple.

The support rod, boss head and clamping rod hold an external temperature probe in the liquid, so readings reflect the solution rather than the plate. Start with low heat and speed and raise each knob separately; because the knobs are independent, a solution can be stirred briskly while it warms gently.

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