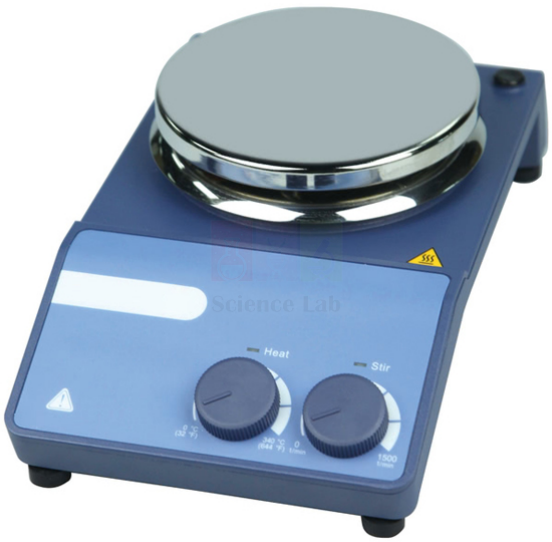
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Hotplate & Magnetic Stirrer

Product Code :

SLE/LHP/06



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Hotplate & Magnetic Stirrer (Product Code: SLE/LHP/06) heats and stirs a solution at the same time on a 135 mm stainless steel work plate with a ceramic coating that resists corrosion. A DC brushless motor drives the stirring from 0-1500 rpm, heating runs from room temperature to 340 °C, and a separate safety circuit automatically stops heating when the temperature reaches 350 °C. Chemistry, biology and pharmacy labs use this laboratory magnetic stirrer in India for dissolving, mixing and preparing solutions of up to 20 L of water. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Work plate	135 mm, stainless steel with ceramic coating
Speed range	0-1500 rpm
Heating temperature range	RT-340 °C
Safety temperature	350 °C (separate safety circuit stops heating)
Speed display / temperature display	Scale / Scale
Motor type	DC brushless motor
Power	530 W
Heating output	500 W
Motor rating input / output	18 W / 10 W
Frequency	50/60 Hz
Stirring positions	1
Max. stirring quantity (H2O)	20 L
Max. magnetic bar length	80 mm
Protection class (DIN EN 60529)	IP42
Dimensions (W x D x H)	160 x 280 x 85 mm
Weight	2.8 kg
Permissible relative humidity	80%

Typical Use

Drop a PTFE-coated stirrer bar into the beaker or flask, centre the vessel on the plate and raise the speed slowly until a steady vortex forms without splashing. Because the variable speed motor is designed to hold a constant speed as the load changes, the stirring rate stays steady even as a solid dissolves or a solution thickens, and strong magnetic coupling keeps the bar at the bottom of the
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Phone: +91-7082934803