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Product Name :

Hotplate & Magnetic Stirrer Pro

Product Code :

SLE/LHP/07



Science Lab
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Description :

Hotplate & Magnetic Stirrer Pro (Product Code: SLE/LHP/07) is a digital, PID-controlled stirring hotplate that heats to 340°C and stirs from 30 to 1500 rpm on a ceramic-coated 135 x 135 mm plate. Its moulded stainless steel casing, digital display and socket for an external temperature sensor let it display and control the actual liquid temperature, which is why it is used in chemical synthesis, physical and chemical analysis and bio-pharmaceutical work. Labs looking for a magnetic stirrer India researchers can rely on for repeatable settings will find it set up forclamped, sensor-controlled experiments. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Plate dimensions	135 x 135 mm, ceramic coated
Casing	Moulded stainless steel
Max. plate temperature	+340°C
Temperature control	PID; socket to fit temperature controller / external temperature sensor
Temperature setting accuracy	±1 °C
Stirrer speed	30 to 1500 rpm
Speed accuracy	±1%
Stirring capacity	20 litres
Heater power	530W
Display	Digital
Electrical supply	240V
Dimensions	155 (w) x 270 (d) x 55 (h) mm
Net weight	2.3 kg
Other features	Hot warning light that remains active even when unplugged; integral fitting for retort rod; designed so a standard retort base slides underneath; units can be stored on their side

Typical Use

The Pro model is built for experiments that need a clamped set-up. Screw a retort rod into the integral fitting, or slide a standard retort base under the unit, and you can hold a condenser, thermometer or sensor directly over the vessel without a separate stand crowding the bench. With an external sensor in the liquid, the PID control works to the real solution temperature, which makes it well suited to syntheses at a set temperature, enzyme or dissolution studies, and prepa

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