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

Product Name :

Hotplate & Stirrer, Digital

Product Code :

SLE/LS/07



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Phone: +91-7082934803

Description :

Hotplate & Stirrer, Digital (Product Code: SLE/LS/07) is a digital hotplate magnetic stirrer with a temperature probe, used to heat solutions to a set temperature while stirring them for a timed period in teaching and research laboratories. Its large LCD shows timer, temperature and running status; it heats to 300 °C, stirs 0–2000 mL at up to 1250 rpm, and its timer runs to 999 minutes. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as a laboratory magnetic stirrer in India.

Specifications

Parameter	Detail
Hotplate temperature	Maximum 300 °C
Heater	380 W
Temperature control	Automatic constant temperature through a temperature probe; 1-point offset calibration
Stirring volume	0 to 2000 mL
Stirring speed	0 to 1250 rpm, push-button speed control
Timer range	0 to 999 minutes (adjustable stirring time)
Display	LCD, 95 × 35 mm, showing timer, temperature and running status
Top plate size	135 (L) × 135 (W) mm
Material	Stainless steel
Power	AC 220 V / 50 Hz
Ambient temperature	Below 50 °C
Dimensions	230 (L) × 180 (W) × 120 (H) mm
Weight	2.2 kg
Included	Temperature probe and 30 mm stirrer bar
Product code	SLE/LS/07
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Digital Hotplate Stirrer Used For?

With its probe in the liquid, this unit controls the temperature of the solution itself rather than just the plate, which matters for solubility and enzyme experiments, making media or buffers at a fixed temperature, and timed reactions. The adjustable stirring time lets every run last the same period, so student groups record results under consistent conditions. It fits naturally among biology lab equipment in India's colleges, where enzyme practicals depend on steady temperatures.

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