Email : sales@scilabexport.com
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Product Name :

Laboratory Advanced Ceramic Hot Plate

Product Code :

SLE/LHP/04



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Description :

Laboratory Advanced Ceramic Hot Plate (Product Code: SLE/LHP/04) is a PID-controlled heater with a glass ceramic top plate that resists strong acids and bases, set on a die-cast aluminium body finished with an anti-corrosion coating. It is intended for labs where spills of corrosive reagents are likely and where the set temperature has to be reached quickly and held closely, with a maximum of 380°C from a 1 kW rating. Research groups, university chemistry departments and testing labs looking for analytical lab instruments India suppliers can build it into sample preparation work. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Top plate	Glass ceramic, resistant to strong acids and bases
Body	Die-cast aluminium with anti-corrosion coating
Temperature control	PID temperature technology
Maximum temperature	380°C
Input rating	110V AC / 60 Hz or 220V AC / 50 Hz
Rating	1 kW

Typical Use

Acid digestion before metal analysis, heating alkaline cleaning solutions, evaporating solvent extracts and warming reaction mixtures are all jobs where a metal plate would corrode or stain over time. The glass ceramic surface stands up to these reagents and wipes clean, while PID control adjusts power continuously so the plate approaches the set point without large overshoot — useful when a method specifies a temperature and the result depends on holding it.

This hot plate fits well into lab equipment for research India institutions run for method development and routine QC. Good practice: heat vessels whose bases are flat and clean, avoid sliding heavy glassware across the top, never pour cold liquid onto a hot ceramic surface, and keep the body dry so its anti-corrosion finish stays intact.

Manufacturer

Jain Scientific Equipments Private Limited operates from Ambala in Haryana and sells its instruments under the ScienceLab name to laboratories, colleges and research institutions. Details of the company are available on our company profile.

Related Laboratory Equipment

Items that complement a ceramic-top hot plate in the same workflow: