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Product Name :

Hot Plate General Purpose

Product Code :

SLE/LHP/01



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Description :

Hot Plate General Purpose (Product Code: SLE/LHP/01) is a compact electric heater for everyday warming, boiling and evaporation work on the bench. An 800W element enclosed under a round 20 cm top surface heats flat-bottomed vessels, and an energy regulator lets the user choose how hard it works. School and college chemistry labs, biology prep rooms and quality-control benches use it wherever an open flame is not wanted. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, for customers looking for a simple hot plate lab India teachers and technicians can run without training.

Specifications

Parameter	Detail
Heating element	800W, enclosed within the top surface
Top surface	Diameter 20 cm (8")
Body	Steel body on which the top surface is mounted
Temperature control	Energy regulator
Maximum surface temperature	Up to 350 °C

Typical Use

This model suits routine tasks: warming water or buffer solutions, dissolving solids for crystallisation, concentrating a solution by evaporation, or keeping a staining reagent warm during a practical. An energy regulator works by switching the element on and off in cycles, so a low setting gives gentle warming and a high setting drives the surface towards its 350 °C maximum. For repeatable results, let the plate settle for a few minutes after changing the setting and check the liquid with a thermometer rather than relying on the dial position.

As general chemistry lab equipment school India practicals depend on, it is safest with flat-bottomed borosilicate beakers or conical flasks that sit fully on the plate. Keep flammable solvents away from the hot surface, place the unit on a heat-resistant bench away from paper and cables, and use tongs to lift hot vessels.

Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, a manufacturer of laboratory heating and teaching equipment located in Ambala, Haryana. The company profile explains who we are and what we make.

Related Laboratory Equipment

These items are often ordered with a general purpose hot plate for the same heating practicals:

- Glass Beaker — flat-bottomed vessels for warming and boiling on the plate.
- Crucible & Beaker Tongs — for lifting hot beakers and crucibles off the surface safely.
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