Science Lab

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Product Name :

Laboratory Round Hot Plate

Product Code :

SLE/LHP/03



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Description :

Laboratory Round Hot Plate (Product Code: SLE/LHP/03) pairs a 20 cm cast iron heating plate with a steel body and a three position rotary switch, giving students a sturdy, easy-to-read heat source for a single vessel. It reaches a maximum surface temperature of approximately 300 °C and runs on 220 V AC/50 Hz mains. Teachers ordering school chemistry lab equipment in India use it for one-beaker experiments at each workstation, and technicians keep one on the prep bench for reagent work. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Plate	Cast iron, round, diameter 20 cm
Body	Steel body
Temperature control	Three position rotary switch
Maximum surface temperature	Approx. 300 °C
Electrical supply	220 V AC/50 Hz

Typical Use

One plate per student group is a common arrangement for heating curves, solubility tests, boiling-point observations and preparing hot water baths in a beaker. With three switch positions there is little room for confusion: students start on the low position for warming, move up when they need boiling, and return to low to hold a temperature. Cast iron stores heat, so the plate stays hot for some time after switching off — tell students to treat it as hot until a teacher has checked it.

For schools building up educational lab equipment India classrooms can share, a round plate of this size fits most common beakers and conical flasks while leaving space on the bench for notebooks and apparatus. Place it on a stable, heat-resistant surface, keep the supply cable away from the hot plate, and never heat a closed container.

Manufacturer

The plate is produced by Jain Scientific Equipments Private Limited in Ambala, Haryana; ScienceLab is the brand name under which the company sells its laboratory products. Visit our company profile to learn more about the business.

Related Laboratory Equipment

For a complete heating workstation, customers also look at:

- Hot Plate General Purpose — a round plate with energy regulator control for finer adjustment of heat.
- Laboratory Rectangular Hot Plate — a larger cast iron surface for heating several vessels
- late.