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Product Name :

Caliper Vernier (Metal)

Product Code :

SLE/PHY/28



Description :

Caliper Vernier (Metal) (Product Code: SLE/PHY/28) is a nickel-plated steel vernier caliper used to measure external dimensions, internal dimensions and depth in school and college physics laboratories. Its metric scale reads from 0 to 120 mm in 1-mm divisions alongside a standard scale, and a roller adjustment moves the sliding head. It is supplied in a plastic case by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as physics lab equipment in India and abroad, for institutions buying a Vernier caliper for school labs.

Specifications

Parameter	Detail
Measurements	External dimensions, internal dimensions and depth
Depth measurement	Shaft attached to the movable head, sliding along the centre of the body
Metric range	0 to 120 mm
Metric divisions	1 mm
Second scale	Standard scale
Material	Nickel-plated steel
Adjustment	Roller adjustment
Packing	Plastic case
Product code	SLE/PHY/28
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Vernier Caliper Used For?

A vernier caliper is the standard tool for measuring small lengths more finely than a ruler allows. Students use the outside jaws for the diameter of a pendulum bob, rod or wire coil, the inside jaws for the bore of a tube or beaker, and the depth shaft for the depth of a calorimeter or a hole. Dimensions taken this way feed directly into volume and density calculations for metal blocks and cylinders.

Before each session, close the jaws gently and check whether the zero marks line up, so any zero error can be subtracted from later readings. Read the main scale first, then find the vernier mark that lines up most closely with a main-scale line. Wipe the steel clean after use and return it to its plastic case, a habit that suits any set of physics lab instruments in India that passes through many hands.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, supplies this metal vernier caliper from Ambala, Haryana, to schools, colleges, dealers and importers. It is sourced for educational use and can be quoted together with the rest of a physics practical list so that meas

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