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Product Name :

Compass, Plastic, for Blackboard, 45cm

Product Code :

SLE/CS/015



Description :

Compass, Plastic, for Blackboard, 45cm (Product Code: SLE/CS/015) is a large demonstration compass that holds a stick of chalk and draws circles, arcs and constructions on the chalkboard, so pupils can follow each step before trying it with their own geometry sets. A suction foot grips the board at the centre point, and a metal butterfly screw lets the teacher set the radius and tighten the joint by hand. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a school lab equipment manufacturer in India that produces a matching set ofblackboard geometry instruments.

Specifications

Parameter	Detail
Type	Compass for blackboard
Length (as stated in the product specification)	40cm — please confirm the current size when ordering
Body material	Hard white plastic
Adjustment	Sturdy metal butterfly screw for adjusting tightness by hand
Chalk holder	Convenient mechanism, adjustable for round and square chalk
Centre fitting	Interchangeable suction foot and compass point in soft plastic
Intended use	Classroom teaching aid
Estimated weight	0.227kg
Estimated volume	0.82cdm

Typical Use

Teachers use the compass to draw circles of a given radius, bisect lines and angles, construct triangles from three sides, and show how the radius, diameter and circumference of a circle relate. Press the suction foot onto a clean, smooth part of the board, set the opening against a board ruler, then lock the joint with the butterfly screw so the radius does not drift mid-stroke. On surfaces where suction will not hold, swap in the soft plastic compass point instead.

The holder accepts both round and square chalk, so the compass works with whichever sticks the school buys. Loosen the screw slightly after class to relieve pressure on the joint, and keep the suction foot free of chalk dust so it keeps its grip. When equipping a maths room as part of a new lab setup in an Indian school, it is usually ordered with the blackboard ruler, protractor and set squares so teachers have a complete construction kit.

Manufacturer

Jain S
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