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Product Name :

Opisometer

Product Code :

SLE/PHY/264



Description :

Opisometer (Product Code: SLE/PHY/264) is a hand-held map measurer used to find the length of curved lines on maps, drawings and diagrams in geography, physics and mathematics classrooms. Students and teachers use it wherever a ruler cannot follow a bend: its knurledwheel runs on a transversely mounted threaded spindle, so the distance traced along a curve canbe re-run along a straight scale. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of school physics lab equipment in India, at its own factory in Ambala.

Key Details

Parameter	Detail
Instrument	Opisometer (curvimeter) for curved-line measurement
Mechanism	Knurled wheel running on a transversely mounted threaded spindle
Purpose	Measuring the length of curved lines
Product code	SLE/PHY/264
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is an Opisometer Used For?

To take a reading, turn the knurled wheel until it reaches the stop at one end of its spindle, then roll it along the curve — a river, road, coastline or boundary. As the wheel turns it travels along the threaded spindle. Next, roll it backwards along a ruler or the map's scale bar until it returns to the stop: the straight distance covered equals the length of the curve, and the map scale converts it to a real-world distance.

In geography it measures river lengths and route distances; in physics and mathematics it measures curved wires drawn on paper, graph curves and arcs, which students can compare with values calculated from a radius. Keep the wheel upright, trace slowly, and repeat each measurement to take an average. It is a handy, low-maintenance piece of laboratory equipment for schools in India and elsewhere.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597), the OEM (original equipment manufacturer) of this opisometer. It is produced at the company's licensed factory at 449, HSIIDC Industrial Area, Saha, Ambala, Haryana (Factory Licence AMB-ONLINE-CHD-J-414), and sent factory-direct to schools, colleges, institutions, dealers and importers.

Because quotations come straight from the manufacturer, repeat orders are simple to arrange. Read the ScienceLab profile for more about the company.

Rela

Other

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