Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Straight Edge (3 meter)

Product Code :

SLE/CE/88



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Description :

Straight Edge (3 meter) (Product Code: SLE/CE/88) is a lightweight beam approximately 3 m long used to check the lateral surface regularity of roads and pavements on site and in highway engineering practicals. Made of mild steel or aluminium, it rests on supports at both ends thathold it at a set height above the surface, and irregularities are read with incremented wedges. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM and engineering lab equipment manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Length	Approx. 3 m
Purpose	Determining lateral surface regularity of a road surface
Material	Mild steel or aluminium
Build	Lightweight
Support	Equally supported at both ends, giving a set height between the road surface and the beam
Measurement	Vertical irregularity measured using incremented wedges
Product code	SLE/CE/88
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the 3 m Straight Edge Used For?

The straight edge is laid across the road surface on its two end supports, so the beam sits at a known height above a perfectly flat line. Wherever the pavement dips or rises, the gap under the beam changes; sliding an incremented wedge into the gap at that point shows how large the irregularity is. Readings are taken at intervals across the lane to build up a picture of the cross-section, for example where wheel paths have worn or settled.

The method needs no power and very little training, which makes it a practical first exercise in pavement evaluation for students and a quick acceptance check for site engineers. The aluminium version is easier to carry between test points, while mild steel suits heavier handling. Store the beam flat or hung along its length so it does not bend, wipe off bitumen and dust after use, and check it against a flat reference now and then.

What to Specify When Ordering

- Material: mild steel or aluminium
- Number of straight edges needed for your survey teams or student groups
- Whether incremented measuring wedges should be quoted with the beam — ask us what is included

OEM

Jain S