Email : sales@scilabexport.com
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Product Name :

Thickness gauge

Product Code :

SLE/CE/97



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Description :

Thickness gauge (Product Code: SLE/CE/97) is a slotted gauge used to decide whether individual aggregate particles are flaky, meaning thinner than 0.6 of their nominal size, in civil engineering and highway materials laboratories. Materials labs and engineering colleges use it for flakiness index work; it has seven slots from 4.9 × 30 mm to 33.9 × 100 mm on a 310 × 130 × 10 mm body. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Purpose	Identifies flaky aggregate particles (thickness less than 0.6 of nominal size)
Number of slots	7
Slot sizes	4.9 × 30 mm, 7.2 × 40 mm, 10.2 × 50 mm, 14.4 × 60 mm, 19.7 × 80 mm, 26.3 × 90 mm and 33.9 × 100 mm
Dimensions	310 × 130 × 10 mm
Weight	0.4 kg (approx.)
Product code	SLE/CE/97
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Aggregate Thickness Gauge Used For?

Flaky particles break easily under rollers and traffic and reduce the workability of concrete, so specifications limit how many a coarse aggregate may contain. For the flakiness index, the sample is first sieved into size fractions, and each particle of a fraction is tried by hand in the slot that matches that fraction. Particles that pass through the slot are flaky; their total mass as a percentage of the sample mass gives the flakiness index.

The gauge is light and small enough to use at a bench or on site, and one gauge covers all seven fractions. Keep the slot edges clean and free of burrs, and test one fraction at a time to avoid mixing results. It is a practical piece of lab equipment for technical institutes teaching highway materials and concrete technology.

OEM Manufacturer

This Thickness gauge is an OEM item from Jain Scientific Equipments Private Limited, which operates under the ScienceLab name. It is made at the company's own licensed factory at Saha, Ambala, Haryana, India, and supplied factory-direct rather than through a trading intermediary.

Colleges, testing laboratories, dealers and importers can place repeat orders with the manu e on the S

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