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Product Name :

Average Least Dimension

Product Code :

SLE/AG/10



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Description :

Average Least Dimension (Product Code: SLE/AG/10) is an ALD device used to find the average least dimension of aggregate chippings for surface dressing design in highway laboratories. Road research units and civil engineering colleges receive the ALD box with an adjustable spacer for 2–9 mm fine aggregates, a spare spacer case and an extension set for 10–18 mm. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM TVET lab equipment manufacturer in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Type	Average Least Dimension (ALD) device
Main unit	Average Least Dimension box
Adjustable spacer	For fine aggregates, 2–9 mm
Spare case	1 x spacer set (fine aggregates) spare case
Spacer set extension	10–18 mm
Product code	SLE/AG/10
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Average Least Dimension Device Used For?

A representative sample of chippings is prepared and the spacer is adjusted to suit the chip size under test: the standard adjustable spacer covers fine aggregates from 2 to 9 mm, and the extension set takes the range from 10 to 18 mm. The chips are then assessed in the ALD box following the procedure of the method your laboratory uses, and the readings are averaged to give the ALD of the sample. That figure helps the designer choose binder and chip spread rates that hold the stone firmly without flooding the surface.

Road and highway departments keep the device with their other engineering lab equipment in India so that chippings from each new source can be checked before a surfacing contract begins. Keep the spacer sets in their case between tests, check that adjustments are locked before each reading, and brush dust out of the box so it does not build up in the corners.

OEM Manufacturer

The ALD device is made by Jain Scientific Equipments Private Limited, which operates as ScienceLab and is the OEM (original equipment manufacturer) of the box and its spacer sets. Production takes place at the company's own licensed factory at Saha, Ambala, Haryana, India, and highway departments, colleges, dealers and importers buy direct from there. If a spacer set is lost or damaged, ask us for a replacement; the request goes to the maker, not a trader. See the company profile for more information.

Rela

Chip

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