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Product Name :

Flakiness Sieve Set

Product Code :

SLE/CE/98



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Description :

Flakiness Sieve Set (Product Code: SLE/CE/98) is a set of seven slotted steel sieves used to separate flaky particles, those thinner than 0.6 of their mean sieve size, from each size fraction of coarse aggregate in civil engineering and highway materials laboratories. Testing labs and engineering colleges use it for flakiness index testing across fractions from 6.3 to 63 mm, with slot sizes accurate to better than 0.1 mm. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of engineering lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Number of sieves	7
Flakiness criterion	Particle thickness less than 0.6 of its mean sieve size
Size fractions covered	Seven fractions from 6.3 mm to 63 mm, each examined separately
Aperture sizes listed	6.3, 10, 14, 20, 28, 37.5, 50 and 63 mm
Slot accuracy	Better than 0.1 mm
Construction	Heavy gauge steel sheet
Finish	Electrostatic paint coating
Product code	SLE/CE/98
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Flakiness Sieve Set Used For?

Road and concrete specifications cap the proportion of flat, flaky stones because they crush easily and pack poorly. With this set, the aggregate is first graded into its seven fractions between 6.3 mm and 63 mm; each fraction is then shaken on the slotted sieve made for it, and whatever passes through the slots is flaky. Adding the flaky mass from every fraction and dividing by the total gives the flakiness index.

Because a whole fraction is checked in one go, the set is faster than hand gauging for routine or large samples in commercial and college labs. Brush the slots clear after each use and store the sieves flat so the slot widths stay true. It is dependable engineering lab equipment for institutes preparing students for quality-control work on highways.

What to Specify When Ordering

- Number of complete 7-sieve sets required
- Whether you also need standard test sieves for the initial grading into fractions
- Whether a sieve shaker is wanted for the grading step

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