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Product Name :

Brass frame sieves

Product Code :

SLE/CE/79



Science Lab
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Description :

Brass frame sieves (Product Code: SLE/CE/79) are full-depth laboratory test sieves used to grade aggregates, sand and soil by particle size in civil engineering and materials testing laboratories. The range covers 200, 250, 300, 315 and 450 mm diameters, with stainless steel wire cloth or tinned steel perforated plates, and sieves of the same diameter nest into one stack. They are manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Full-depth testing sieves
Diameters	200, 250, 300, 315 and 450 mm
Frame	Brass; the listing names the 450 mm diameter as an exception, with sheet-steel construction (confirm when ordering)
Wire cloth sieves	Stainless steel wire cloth
Perforated plate sieves	Tinned steel perforated plates
Nesting	Sieves of the same nominal diameter nest one in another
Sample load, 200 mm (8 in) sieve	Up to 1000 g of aggregates
Sample load, 300 mm (12 in) sieve	Up to 3000 g of aggregates
Product code	SLE/CE/79
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Brass Frame Sieve Used For?

Sieve analysis is the basic grading test for aggregates and soils. A stack of sieves is arranged with the largest aperture on top, a weighed sample is placed in the top sieve, and the stack is shaken by hand or on a sieve shaker. The mass retained on each sieve is weighed and expressed as a percentage to draw the grading curve used in concrete mix design, road material selection and soil classification.

Perforated plates usually cover the coarser aggregate sizes and wire cloth the finer fractions. Stay within the listed loads — up to 1000 g on a 200 mm sieve and 3000 g on a 300 mm sieve — so that particles are not forced through an overloaded mesh. Brush the mesh clean from below, never push particles through by hand, and dry the sieves before stacking them away. Looked after this way, a sieve set from an engineering lab equipment manufacturer gives repeatable grading results across many student batches.

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