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Product Name :

Electromagnetic Digital Sieve Shaker

Product Code :

SLE/CE/80



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Description :

Electromagnetic Digital Sieve Shaker (Product Code: SLE/CE/80) is a laboratory sieve shaker that uses an electromagnetic drive to give a vertical sieving motion for grading sand and aggregates in civil engineering labs. It holds up to 12 sieves of 200 mm or 8 sieves of 300 mm diameter, comes with a timer, and with its upper plate removed doubles as a vibrating table for one concrete specimen. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** , Ambala, as part of its range of engineering lab equipment in India.

Specifications

Parameter	Detail
Drive	Electromagnetic unit giving a vertical sieving motion
Designed for	Sand and aggregates
Sieve capacity, 200 mm (8 in)	12 sieves
Sieve capacity, 300 mm (12 in)	8 sieves
Timer	Supplied complete with timer
Second use	Vibrating table for one concrete specimen when the upper plate is removed
Power	400 W
Dimensions	495 × 405 × 945 mm
Weight	Approx. 30 kg
Product code	SLE/CE/80
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Electromagnetic Sieve Shaker Used For?

Hand sieving is tiring and varies from one operator to the next. A mechanical shaker applies the same motion for the same time to every sample, so grading results can be compared between batches, shifts and student groups. The nest of sieves is loaded with the largest aperture on top and the pan at the bottom, secured on the shaker, the timer is set and the electromagnetic drive does the rest.

Removing the upper plate turns the unit into a small vibrating table for compacting one concrete specimen, which helps laboratories with limited bench space. Keep each sieve within its recommended load, place the shaker on a firm, level surface and use the same shaking time for every run. For colleges setting up engineering lab equipment in India, one unit covers both sieve analysis and specimen compaction practicals.

What to Specify When Ordering

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