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Product Name :

Vee Bee Consistometer

Product Code :

SLE/CE/11



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Description :

Vee Bee Consistometer (Product Code: SLE/CE/11) is a vibration-based workability tester used to measure the consistency of fresh concrete in Vee Bee degrees (seconds) in civil engineering and concrete technology laboratories. The set combines a 380 x 260 mm vibrating table with a sheet metal container, a slump cone, a swivel arm carrying a funnel and acrylic disc, and a 16mm x 600 mm graduated tamping rod. It is built by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** , an OEM supplier of engineering lab equipment in India, at its own factory inAmbala.

Specifications

Parameter	Detail
Measurement	Workability in Vee Bee degrees: time in seconds of vibration until fresh concrete contacts the entire face of the acrylic disc; slump in mm
Vibrating table	380 mm long x 260 mm wide, on elastic supports about 305 mm above the floor, with start/stop switch, cord and plug
Container	Sheet metal, with lifting handles; fixes to the vibrating table
Swivel arm	Telescopes into a holder fixed to the base; carries funnel and guide; detachable from the vibrating table
Slump cone	Open at both ends, with lifting handles
Tamping rod	16 mm diameter x 600 mm long, rounded at both ends; scale divisions record slump in mm
Acrylic disc	Included for reading the Vee Bee time
Product code	SLE/CE/11
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Vee Bee Consistometer Used For?

Very stiff concrete barely slumps, so the Vee Bee test measures how much vibration it takes to remould it. A slump cone is filled and rodded inside the container on the table, then lifted away; the slump can be read on the graduated rod. The swivel arm lowers the transparent acrylic disc onto the concrete, the table is switched on, and the operator times how long it takes for concrete to cover the whole underside of the disc.

That time in seconds is the Vee Bee value: a longer time means a stiffer, less workable mix. The test suits dry mixes for pavements, precast work and roller-compacted concrete. Stand the table on a level floor, make sure the container is fixed firmly before vibrating, and wipe the disc clean after each test so the contact line stays easy to see.

OEM Manufacturer

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