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Product Name :

Slump Test Apparatus

Product Code :

SLE/CE/07



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Description :

Slump Test Apparatus (Product Code: SLE/CE/07) is a slump cone set used to measure the workability of fresh concrete on construction sites and in civil engineering laboratories. The cone measures 200 mm across the base, 100 mm across the top and 300 mm in height; it clamps to a base plate with a lifting handle and comes with a 16 mm x 600 mm steel rod graduated in millimetres. The set is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory equipment supplier in India for colleges and site labs.

Specifications

Parameter	Detail
Slump cone (internal)	200 mm base diameter, 100 mm top diameter, 300 mm height
Cone fixing	Foot pieces fix to clamps on the base plate
Base plate	With lifting handle for easy transport
Graduated rod	One steel rod, 16 mm diameter x 600 mm long, rounded at both ends, graduated in mm
Product code	SLE/CE/07
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Slump Cone Used For?

The slump test is the quickest check that a concrete batch has the consistency the mix design intended. The cone is clamped to the dampened base plate, filled in layers, and each layer is rodded with the rounded end of the steel rod before the top is struck off. The cone is then lifted straight up, and the drop of the concrete below the cone height is measured with the millimetre graduations on the rod.

The shape of the slumped concrete also tells you something: an even drop shows a cohesive mix, while a sheared or collapsed heap points to a lean or over-wet batch. Carry the set by the base-plate handle, and wash cone, plate and rod before the concrete hardens on them. For very stiff mixes, a Vee Bee or compaction factor test gives more useful readings.

Manufacturer

Jain Scientific Equipments Private Limited, known by its trading name ScienceLab, manufactures this slump test set in Ambala, Haryana, for schools of engineering, ready-mix and site laboratories, contractors and dealers across India and international markets. The company manufactures the set to your order and remains your contact for quotations, spare rods or cones and repeat orders — just ask. For vendor registration, the manufacturer's details are GSTIN 06AAECJ8618A1ZT and LEI 3358004HRD1JIVXKYX49. More on the ScienceLab company profile.

Related Civil Engineering Lab Equipment

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