Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Concrete Test Hammer Schmidt Hammer N-Type

Product Code :

SLE/CE/41



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Description :

Concrete Test Hammer Schmidt Hammer N-Type (Product Code: SLE/CE/41) is a rebound-type test hammer used to assess the compressive strength characteristics of hardened concrete non-destructively in structural investigation, site quality-control and civil engineering teaching laboratories. Engineers use it to control the uniformity of concrete and detect weak spots in members, provided the test object is at least 100 mm thick. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Key Details

Parameter	Detail
Type	Concrete test hammer, Schmidt hammer N-type
Test method	Non-destructive, on hardened concrete
Applications	Compressive strength characteristics, uniform quality control, detection of weak spots
Minimum test object thickness	100 mm
Product code	SLE/CE/41
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala,India

What Is a Schmidt Hammer Used For?

The quality of concrete is judged mainly by its compressive strength, which directly affects the load-bearing capacity and durability of a structure. A rebound hammer gives a quick, non-destructive indication: a spring-driven mass strikes a plunger held against the concrete, and the distance it rebounds reflects the hardness of the surface layer. Because nothing is cut or broken, the same member can be tested at many points and re-tested later.

Typical uses include comparing concrete quality across columns, slabs and walls, locating weak or poorly compacted zones, and deciding where cores should be taken. For meaningful results, test on smooth, clean surfaces, take a set of readings at each location, avoid areas directly over reinforcement, and relate rebound values to crushing tests on the same concrete. It is a core item among test and measurement instruments for structural audits in India and abroad.

Manufacturer

ScienceLab, the trading name of Jain Scientific Equipments Private Limited in Ambala, manufactures this N-type Schmidt concrete test hammer for engineering colleges, consultants, structural audit teams, dealers and importers in India and international markets. It is offered alongside other non-destructive and destructive concrete testing equipment, so a complete assessment kit can be sourced through one supplier. The company profile has more information.

Related Civil Engineering Lab Equipment

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