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CONCRETE TEST HAMMER

Concrete Test Hammer is a tool / device widely used to test the compressive strength, hardness and quality of concrete structures such as building and bridges.

It is also known as Rebound Hammer, Sclerometer, Schmidt Hammer, Swiss Hammer & Non-Destructive Concrete Test Hammer.

The Rebound Hammer gives accurate and high precision result in most economical, quick and easy way in the field and at the laboratory. It is an essential tool for any site engineer at construction site.

INTELLITEST'S CONCRETE TEST HAMMER FULFILL ALL THE MAJOR STANDARDS

- IS 516 (Part 5 / Sec 4) : 2020
- IS 13311 (Part 2) : 1992
- ISO / DIS 8045
- DIN 1048, Part 2
- BS 1881, Part 202
- EN 12 504 - 2
- ENV 206
- ASTM C 805
- NFP 18 - 417
- B 15 - 225

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The Rebound Hammer consists of a spring-controlled mass that slides on a plunger within aluminum tubular housing. The rebound hammer is positioned perpendicular to the test surface and pressed against it. The spring-controlled mass in the hammer rebounds and the cursor / pointer moves on the scale that is calibrated in the Rebound Numbers. The Rebound values at the concrete depend on the hardness of the surface / concrete.

Specifications

Model No.	: ITND0101
Measuring Range	: 10 - 70 N/mm² / MPa
Impact Energy	: 2.207 Nm
Rebound Display	: Scale with Pointer
Strength Display	: Graph
Measuring Unit	: MPa & N/mm²
Spring Length	: 75 ±0.3 mm
Plunger Radius	: 25 ±1 mm
Calibration Value	: 80 ±2
Accuracy	: ± 2 Rebound Number
Resolution	: 1 Rebound Number
Dimension	: 300 x 70 x 70 mm
Weight	: 1.2 kg
Warranty	: 12 Months

Features

- Non-destructive testing.
- Quick and easy to perform test.
- Compact and light weight design.
- Fast and accurate results.
- Handy & reliable to use.
- Conversion chart on hammer's body.
- Plunger release / lock button.

The kit includes

- Concrete Test Hammer
- Abrasive Grinding Stone
- Extra Spring
- Screw Driver
- Certification Certificate
- Operating Instructions
- Foam Fitted Water Proof Carry Case

Optional

Performance should be check occasionally or after 500 impacts on the Anvil. The calibration value is 80 ±2.

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