

CONCRETE (SCHMIDT) TEST HAMMER

STANDARDS: EN 12504-2, 13791; ASTM C 805; BS 1881:202

The quality of concrete is mainly judged by its compressive strength directly affecting the load-bearing capacity and durability of concrete structures.

Spring impact energy 2,207 Nm (Joule). Suitable for finished concrete structures and buildings having strength resistances from 10 to 70 N/mm².

This concrete test hammer, has aluminum frame, and thanks to its very accurate manufacture processing and selected components ensures high precision test results in the time.

Supplied complete with calibration curve chart in N/mm² (Mpa) values, abrasive stone and carrying case.

Calibration Anvil, Used for the verification of the calibration of the hammers.

For more information on the Calibration Anvil, see Calibration Anvil, Model HR-C7000.

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-C7010	Concrete (Schmidt) Test Hammer	35x18x10	2 kg
HR-C7000	Calibration Anvil	15x15x23	16 kg



HR-C7010

MECHANICAL TEST HAMMER (MADE IN ITALY)

STANDARDS: EN 12504-2, ASTM C 805; BS 1881:202

The Rebound Hammer for concrete allows for an analysis of on-site concrete quality in order to estimate the mechanical characteristics of the material. Investigations with the Rebound Hammer are based on the surface "hardness" measurement of material expressed in terms of the "Rebound Index."

Investigations with the Mechanical Rebound Hammer falls under the category of Non Destructive methods, as implementation of the testing, in addition to not causing damage to structures and building function, involves relatively low costs.

The Mechanical Rebound Hammer is supplied with a rubberised plastic handle which facilitates manoeuvrability at work sites and protects it from possible accidental shock. The Mechanical Test Hammer is entirely made in Italy.

The Rebound hammer method field of application is mainly directed toward evaluation of the following properties:

- Concrete uniformity checks in different parts of the structure.
- Estimation of the mechanical characteristics of the concrete through the use of correlation curves.
- Evaluation of changes in concrete properties over time.
- Verification of concrete characteristics on-site during the testing phase.

The above-mentioned applications can therefore be summarized by stating that rebound hammer tests are to be used to estimate concrete compressive strength of already built structures.

Mechanical Test Hammer is supplied with Abrasion Stone, Plastic Case for Stone, Plastic Grid 30x30 cm, Pencil, Fenolftaleina 100ml, Paper Note, Operating Manual, Calibration Report and Soft Bag.

Technical Specifications:

Product Name:	Mechanical Rebound Hammer
Product Code	HR-C7020
Impact Energy	2.207 Nm
Measuring Range of Compressive Strength	5 to 120 N/mm ²
Dimensions (mm)	70x70x300
Dimensions with Package (mm)	300x150x400
Weight (kg)	1,3
Weight with Package (kg)	4



HR-C7020



HR-C7020