

HİRA TESTING EQUIPMENT

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

DIGITAL CONCRETE TEST HAMMER

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

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

Concrete uniformity checks in different parts of the structure.

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.

It can be easily connected to a PC or serial printer via the RS 232 port.

A large permanent memory can store up to 48000 results.

Digital Rebound Hammer is supplied with Abrasion Stone, Plastic Case for Stone, Rechargeable Battery and Carrying Case.

Technical Specifications:

Product Name	Digital Test Hammer
Product Code	HR-C7035
Impact Energy	2.207 Nm
Measuring Range of Compressive Strength	10 to 70 N/mm ²
Memory	48000 results
Screen	16-bit true color, 176x220 resolution, 5 grades backlight adjustment
Connection	USB 2.0
Dimensions (mm)	60x90x290
Dimensions with Package (mm)	150x350x440
Weight (kg)	4,5



HR-C7035