

CONCRETO N

Mechanical Concrete Test Hammer



Reliability and careful selection of components, 10 years proven experience as manufacturer of NDT instruments, the distinctive ergonomic and functional design, as well as the continuous scientific research in collaboration with the most important Universities in Italy, has brought to the development of this series of instruments of the latest generation.

The N type test hammer – Novatest design – has been modified to get a higher degree of reliability as far as correlation curves are concerned, obtaining the new SonReb method.

To develop new curves, 50 cubic samples (200x200mm) of twenty distinct classes of concrete have been tested. The samples have been subjected to Non-Destructive Tests (hammer indexes and ultrasonic pulses propagation) and Destructive Tests (press-crashing).

By analyzing the results of the tests, it has been

assessed that the CONCRETO N mechanical concrete test hammer is an invaluable tool to check and estimate the quality of concrete.

Maximum reliability is achieved upon strictly following the manufacturer's instructions.

ADVANTAGES

- Because it comes from a generation of tools and work experience of 25 years;
- Because it has an innovative design that makes it unique;
- Because it is the only one that has its correlation curves updated;
- Because it has the widest range of measurement applicable to concrete from 5 to 110 N / mm²;
- Because it can rely on a scientific and valid proof of traceability;
- Because it relies on the continued support of a research and development excellence in the field of non-destructive testing in civil engineering;
- Because it is the only one that offers a range of functional and smart accessories to run fast and direct survey.

TECHNICAL FEATURES

- Model: Mechanical Sclerometer of N category;
- Reference Standard: UNI EN 12504 – 2, ASTM C 805, BS1881;
- Impact Energy: 2207 Nm;
- Measurement range: 5 – 110 N/mm²;
- Usage limits: Thickness under 100mm;
- Weight: 1.8 Kg.

ACCESSORIES

Standard

- Instruction manual, MpA – Psl graphs;
- Pencil;
- Abrasive wheel with box;
- Station template – L = 25mm;
- Container of phenolphthalein with nebulizer;
- Rigid case for transport;
- Calibration certificate and Quality Control;
- Safety cap for transport.