

## REBOUND CONCRETE TEST HAMMERS

STANDARDS: EN 12504: Part 2 | ASTM C805 | DIN 1048  
 BS 1881:202 | NF P18-417

Designed to perform non-destructive tests on concrete structures, it gives an immediate indication of the compressive strength of the concrete using the calibration curve supplied with.

### MODELS

#### C380 CONCRETE TEST HAMMER MATEST DESIGN

Spring impact energy 0.225 mkg. (2.207 Joule or Nm)  
 Suitable for finished concrete structures and buildings having strength resistances from 10 to 70 N/sq.mm. **This concrete test hammer, entirely produced by Matest, has aluminium frame and thanks to its very accurate manufacture processing and selected components ensures high precision test results in the time. The top quality test hammer available on the market.**  
 Supplied complete with calibration curve chart in N/mm<sup>2</sup> (Mpa) values, abrasive stone, carrying case.

**Dimensions with the case:** 330x100x100 mm

**Weight:** 2 kg



C380



C380 with case

#### C380-01 CONCRETE TEST HAMMER MATEST DESIGN

Exactly the same as mod. C380, but with calibration curve chart in Psl values as requested by ASTM Specifications.

#### C381 CONCRETE TEST HAMMER MATEST DESIGN

Similar to mod. C380, but with impact energy of 0.735 Joule (Nm).  
 Ideal to test small sized, sensitive and thin walled materials.  
 Suitable to test also rock core samples.



C381

#### C390 ANVIL

STANDARD: EN 12504:2

Used for the verification of the calibration of the concrete test hammers. Special steel alloy made.

**Dimensions:** Ø 150 by 320 mm.

**Weight:** 16 kg approx.

#### Note:

The EN 12504:2 Specification requires obligatory the use of the anvil for the hammer tests.

The Standard specifies:

- Before a sequence of tests on a concrete surface, take and record readings using the steel reference anvil and check to ensure that they are within the range recommended by the manufacturer. If they are not, clean and/or adjust the hammer.
- After tests, take readings using the steel anvil, record them and compare them with those taken prior to the test. If the results differ, clean and/or adjust the hammer and repeat the test.



C380

C390

## ORIGINAL "SCHMIDT" TEST HAMMERS

#### C382

Standard model **N** for normal concrete casting.  
 Impact energy 2.207 Nm

#### C383

NR model; same as C382 model, but having an automatic incorporated device recording on diagram the impact values

#### C383-01

Spare roll recording paper for C383 (pack of 5)



C383-10

#### C383-10 SILVER SCHMIDT

Digital concrete test hammer. Impact energy: 2.207 Nm.



C382



C383