

C386 N

Digital Concrete Test Hammer with microprocessor, MATEST model

STANDARDS: EN 12504:Part 2 / ASTM C805 / BS 1881:202 / NF P18-417 / DIN 1048 / UNI 9189 / UNE 83307

This digital concrete test hammer, microprocessor operated, entirely designed and manufactured by Matest with advanced technology, performs basic concrete testing with continuous automatic recording of all parameters in accordance with EN 12504-2 Specifications, register and process data and then transfer them to a PC. The unit consists of the standard mechanical model C380, but equipped with an electronic transducer that measures the rebound values and supplies automatically the results on a graphic display.

During test performing:

- Shows index value
- Shows average index value
- Allows to select measuring system in MpA or Psi
- Shows numbers of performed rebounds
- Shows date and time
- Identifies tested element
- Identifies automatically and shows rebound angle
- Shows battery life

Main features:

- Possibility to store, display on graphic LCD 64x124 and download data to PC over 15000 tests
- Automatic statistical processing and readings
- Automatic conversion of rebound index to equivalent compression strength in psi, N/mm², kg/cm²
- High accuracy and resolution

Technical specifications:

- Impact energy: 2,207 Joule (Nm)
- Measuring range: 10 – 120 N/mm²
- Interface: USB
- Power source: 6 rechargeable batteries AA NiMh 2400mA/hour
- Battery life: 60 hours with automatic shut down
- Operating temperature: -10°C +60°C

Supplied complete with data transfer software, data transfer USB cable, battery charger, abrasive stone, carrying case

Dimensions with case: 330x180x120 mm

Weight: 3 kg



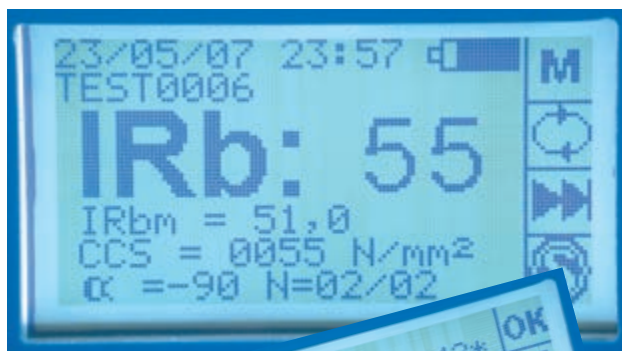
C386 N WITH CASE



C386 N

Note:

The calibration anvil is the same (mod. C390) of the standard hammers.



The digital Matest test hammer is suitable to be connected to the Ultrasonic Tester “high performance” mod. C372N (see pag. 296) for “combined ultrasonic and rebound tests with automatic data acquisition, processing and store of the results”



C386 N + C372N