

Digital Test Hammer **ectha**[®]PRO



Precision and reliability: DRC's over thirty years of experience in the production of test hammers guarantees measurements with the highest precision and reliability. The implementation of the electronic board and the new feeding system, allow for greater and improved job autonomy.

Ergonomics and safety: produced entirely in Italy with carefully selected materials and low environmental impact, the Ectha PRO has an attractive and functional shape that allows easy use in situ. The new handle made of innovative materials has passed the crash test which it underwent, ensuring the functionality of the tool even in the event of accidental knocks or falls. Ectha PRO comes with a new case model IP67.

Assessment and evaluation in situ: Ectha PRO is equipped with the option to automatically detect the angle stop. Inside it is loaded with correlation curves, the result of thorough research developed in collaboration with major Italian universities. This makes it possible to obtain a first estimate of the mechanical characteristics of the material in situ; an estimate, which in any case, must be confirmed by comparing the measurements obtained with the values obtained by crushing the samples.

Interface and data export: the navigation menu is simple and intuitive. By simply sliding the cursor, you have access to all the options you need to set campaign investigation options including the impact mode (single or average), type of correlation curve and the main elements for identifying the test station.

By connecting Ectha PRO to your computer with the USB cable supplied with the instrument, and simply selecting the USB command from the navigation menu, you can export all the data previously obtained and recorded into a .xls file.

Innovation: one of the main new differences between Ectha PRO and previous models is the Bluetooth system provided. The system allows interaction with the Ectha R App (present as a free download from Google Play) which enables automatic recording of the bounce rate values obtained in situ.



Technical Specifications Digital Concrete Test Hammer ectha[®]PRO

Performance

Measure Range :	5-120 N/mm ²
Impact energy :	2,207 Nm
Limit thickness range :	Thickness > 100mm

Mechanical

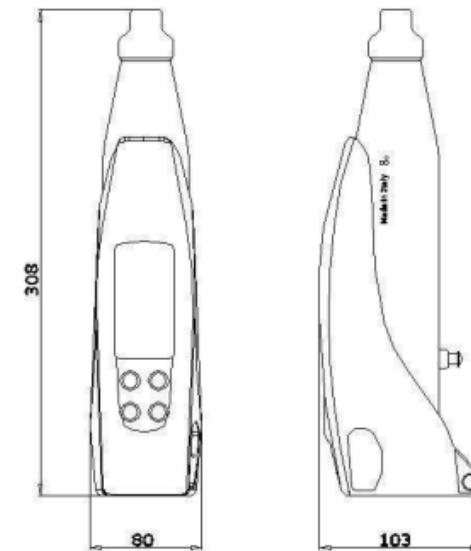
Case :	Aluminum Lega 6060 - 11S
Surface :	Aluminium oxide
Impact mass :	INOX 303
Heat Treatment :	NIT-OX
Movement Rod :	Steel INOX 303
Handle :	Plastic ABS-Nylon
Painting :	Soft grey colours

Electronic

Board :	PCB Intel processor
Display :	Graphic color display 64x128
Battery :	Autonomy 8 hours
Measure system :	Optical
Interface :	USB
Memory :	Mini SD 2Gb

Physical

Dimension :	308 x 80 x 103 mm
Net weight :	1,5 kg
Package weight :	4,4 Kg (shipping weight)
Package dimension :	420 x 280 x 180 mm (shipping dimension)



Standard: Ectha PRO is made in accordance with all major global Standard Standard ISO/DIS 8045:EN 12 504-2,ENV 206,DIN 1048 part 2,BS 1881 part 202,ASTM C 805,NFP 18-417,B 15-225,JGJ/T 23-2001,JIG 817-1993