

# DRC

Diagnostic Research Company  
Non Destructive Testing

The logo for Ectha-R is displayed on an orange square background. The word "ectha" is in a dark grey, lowercase sans-serif font, and the "R" is in a white, uppercase sans-serif font. A thin, dark grey curved line arches over the "ectha" portion of the text.

ecthaR

A starburst-shaped graphic with a jagged, orange border. Inside, the words "FREE APP!" are written in a white, bold, sans-serif font, slanted upwards to the right.

FREE  
APP!



Google play

## Ectha-R Android Application



The Ectha-R App is realized to support the recording operation of data previously acquired on site. The App is **free** from Google Play or from [www.drcitalia.it/area-download/](http://www.drcitalia.it/area-download/) and requires 4.3.2 Android version or higher. The acquisition of the data can be done manually or in automatic mode. In both cases, the objective is to get:

- single rebound index value;
- number of hits carried out;
- average rebound index value;
- mechanical strength value stimulated on correlation curves (Rck);
- the final report, using a portable mini-printer with Bluetooth connection.

Using the Ectha PRO digital concrete test hammer, the data are transmitted automatically through the Bluetooth connection device which is fitted to the instrument (**Automatic mode**).

The data are saved in the memory card of the concrete test hammer. For mechanical concrete test hammers - without Bluetooth technology - the data must be entered manually (**Manual mode**).

The App defines the project through the following items:

- date;
- project number;
- working area;
- angle of hits.

The projects, containing all the acquired values, are recorded in a cvs file and saved in the device memory.

The files can be viewed through appropriate applications and shared for following analysis.

In both manual and automatic modes, the rescue procedure and sharing are the same.

The operator can print the final report, which contains the rebound index values previously obtained on site.

The App sends the print command - via Bluetooth connection - to a mini portable printer that can be used directly on site (optional accessory available for purchase at DRC).

**Ectha W software** is free from [www.drcitalia.net](http://www.drcitalia.net) and used to visualize the data and create the final report complete with all the information.



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