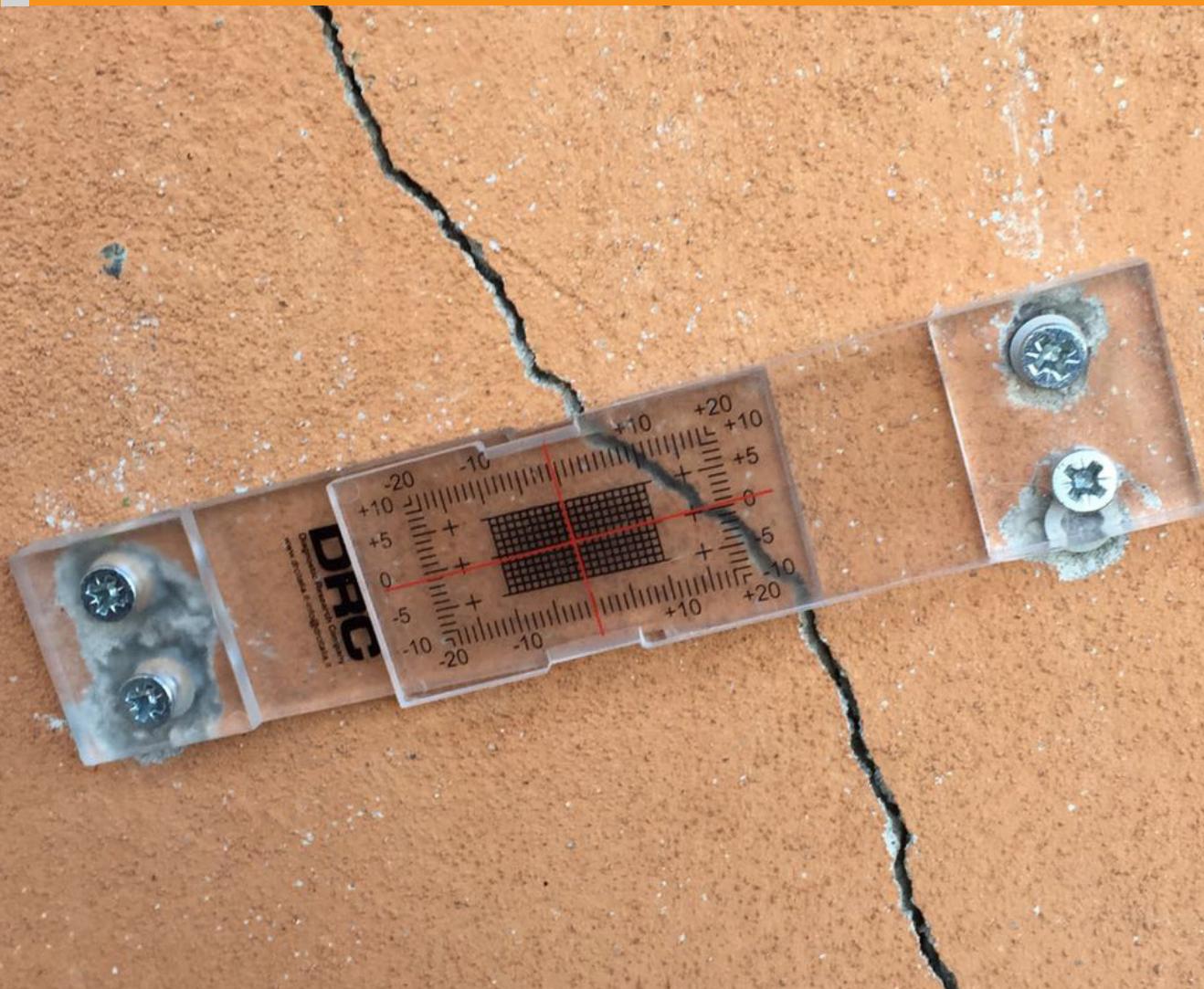


# DRC

Diagnostic Research Company  
Non Destructive Testing

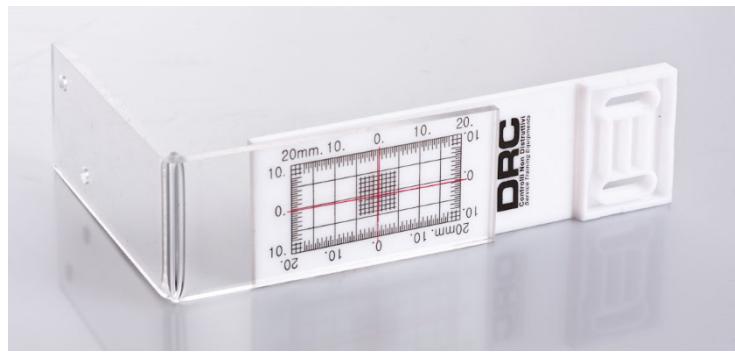
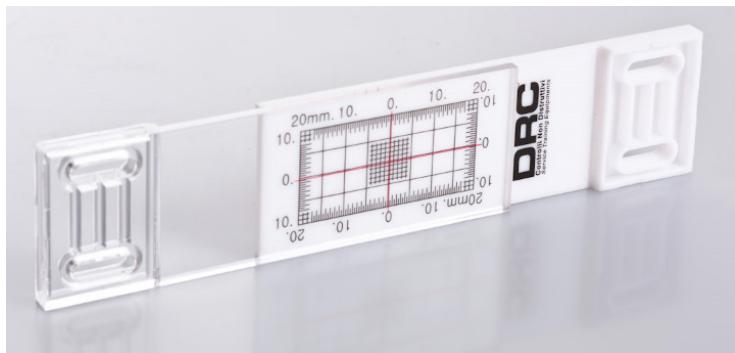
# INTELLITEST

CONSULTING I EQUIPMENT I TESTING



## CRACKMETERS

### LINEAR - ANGULAR



Crackmeters are used to monitor the progress of surface cracks in structural components and buildings caused by subsidence or mechanical failure.

They are composed of two transparent acrylic resin plates, overlapping and able to move relative to each other. The upper plate is engraved with a reference cross, while the underlying one is marked with a grid in millimetres, both horizontal and vertical, which can be zeroed along its axes. The plates are mounted to the wall or structure with screws or other mechanical mounting equipment (wall plugs, glue, resin, silicone) in such a way that the cross on the upper plate is centred on the origin (centre) of the grid underlying it.

The movement of the crack can then be read in millimetres by monitoring the displacement of the top plate (cross) relative to the underlying one (grid). Crackmeters have the advantages of being much less costly than other solutions, as well as being easy to install and use.

Depending on the positioning of the lesion we can have **linear** or **angular** crackmeters.



## FIELDS OF APPLICATION

- Static monitoring of cracks
- Low risk applications (for testing to a higher precision, for instance to measure even very small displacements, we recommend the use of more precise equipment)

## ORDERING INFORMATION

cod.: 01.DRC.0027 LINEAR crackmeters (cf. 10pz)

cod.: 01.DRC.0028 ANGULAR crackmeters (cf. 5pz)

## WARRANTY & MAINTENANCE

12  
months

DRC guarantees maintenance service at its center  
or at authorized centers



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