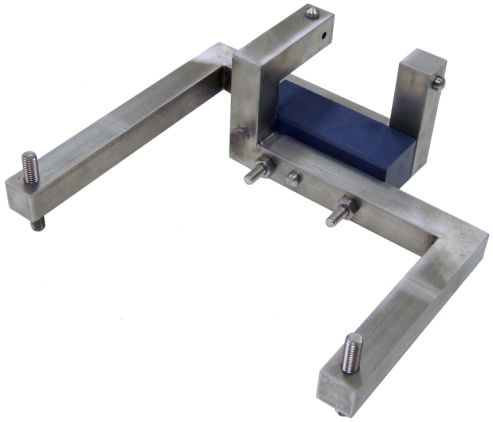
Crackmeter - RTV-3D

Crackmeter



SIMPLE
RELIABLE
UNIQUE

The unique concept of 3D crackmeter makes it one of the most popular of its kind.

Description

The 3D crackmeter **RTV-3D** consist of 2 metallic pieces in an elbow shape. Each elbow has a pair of spherical reference markers opposed two by two on the three orthogonal axes .

Measurements are taken with a caliper between opposed spherical markers on each elbow. Relative movements between each elbow is given by comparing measurements over time.

The 3D Crackmeter **RTV-3D** is a purely mechanical instruments used to measures relative movements between two surfaces in the 3 orthogonal axes.

Advantages

- Very robust
- Direct reading with the use of a caliper
- Easy installation and use
- Instalaltion on all kinds of surface
- Reusable

Applications

- Surface movements on each side of a concrete join
- Crack monitoring in concrete, masonry and any other structures
- Displacement of rock mass in the 3 dimensions

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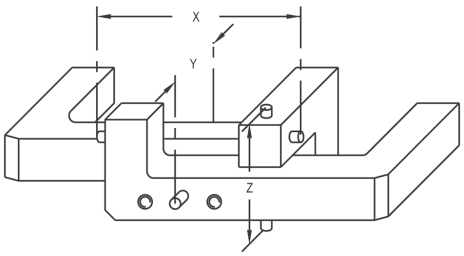
Specifications

Accuracy (general)	
With a digital caliper	±0.02 mm
With a mechanical caliper	±0.04 mm
Maximum relative displacement	
Axe X (open/close)	50 mm / 40 mm
Axe Y (open/close)	30 mm / ∞
Axe Z (open/close)	10 mm / ∞
Initial reading (nominals)	
Axe X	100 mm
Axe Y	82 mm
Axe Z	65 mm
Dimensions	
Width	210 mm
Length	180 mm
Depth	60 mm
Weight	2.9 kg



Crackmeter measuring axes

Ordering Information

Please Specify:
• Type of sliding foot

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