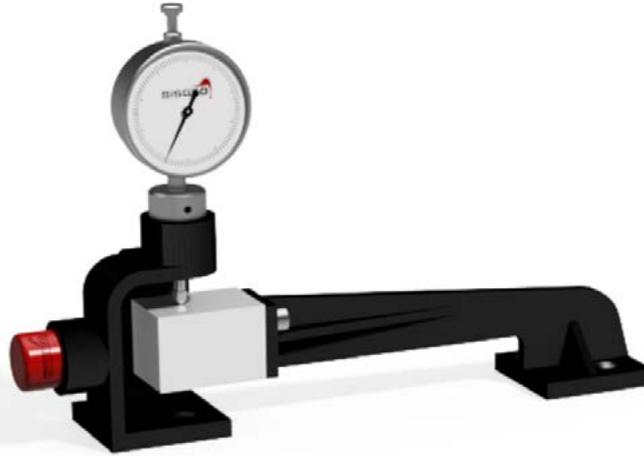


D310

— MECHANICAL CRACKMETERS

EXTENSOMETERS
& JOINTMETERS



MECHANICAL CRACKMETERS

The triaxial jointmeter consists of two components. One component is a rigid arm that spans the crack. It holds a precision-ground reference block. The other component holds the dial gauge so that it can obtain measurements of three sides of the reference block.

The tell-tale crack monitor is a simple, plastic device that is be installed across fissures to provide measurements in one or two directions.

APPLICATIONS

- Cracks on buildings caused by nearby excavation, tunneling or landslide
- Structural joints in gravity or arch dams
- Deck-pillar displacements in bridges and viaducts

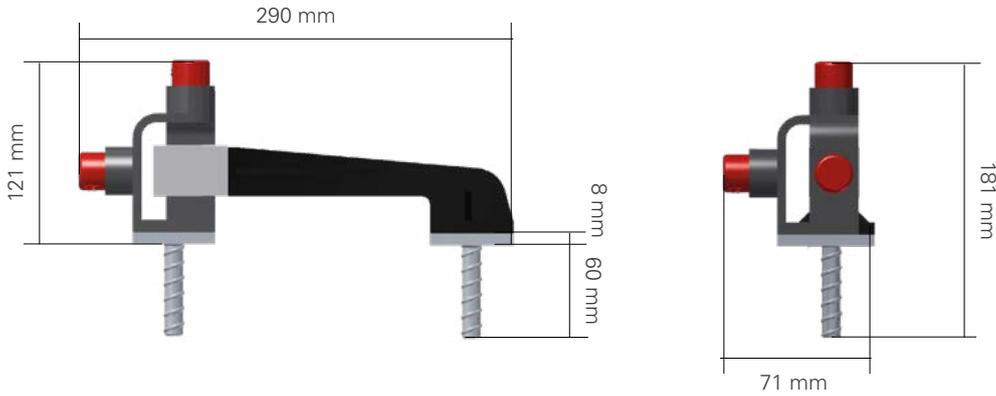
FEATURES

- Triaxial jointmeter readings can be automated with displacement transducers.
- Plastic crack monitors are available for flat surfaces or corners.

TECHNICAL SPECIFICATIONS

PRODUCT CODES	0D3103D3000
Type	triaxial
Mechanical range	0 - 30 mm for each axis
Distance between anchors	200 mm
Material	stainless steel and aluminum
Anchors	2 groutable rebar 16 mm diameter, 80 mm long

PHYSICAL FEATURES



DIAL GAUGE KIT

Dial gauge is used for manual readings of the uniaxial and triaxial crackmeters.

It includes:

- gauge with standard 0.01 mm division, 30 mm measuring range
- steel collar
- fitting device
- Carrying case



PRODUCT CODE	0DIG30KIT00
Measuring range	0 - 30 mm
Resolution	0.01 mm
Accuracy	±0.05 mm

TELL-TALE CRACK MONITORS

PRODUCT CODE	0D300LINE00
Application	wall / flat surfaces
Type	biaxial
Mechanical range	$\pm 20\text{mm}$ (X axis), $\pm 10\text{mm}$ (Y axis)
Material	acrylic resin



PRODUCT CODE	0D300CORN00
Application	crack on corner or between wall and floor
Type	biaxial
Mechanical range	$\pm 20\text{mm}$ (X axis), $\pm 10\text{mm}$ (Y axis)
Material	acrylic resin



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