
3D Crack Meter

Geosense® 3D crack meters are designed to monitor three way displacement (X, Y and Z) across joints or cracks between adjoining concrete and rock structures



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Overview



Geosense® 3D crack meters are designed to monitor three way displacement (X, Y and Z) across joints or cracks between adjoining concrete and rock structures.

It comprises of two steel blocks A & B. One (A) having flat machined discs mounted on the X,Y, Z axes and the other (B) having matching machined discs through which the stem of a manual dial gauge can be placed to measure any movement in any axis.

The re-bar anchors on the bottom of each block are grouted adjacent to each other into the structure that is being measured.

APPLICATIONS

Concrete dam construction joints

Tunnel and shaft lining segments

Bridge construction

Masonry structures

Structural and superficial cracks

FEATURES

Three way independent movement monitoring

Reads in X, Y and Z axes

Easy to install

Simple manual reading

Accurate and precise

Low maintenance

Long-term stability and reliability

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Specifications

SPECIFICATION

Range	±25mm
Block Material	Anodised Mild Steel
Anchor type	Groutable
Anchor Material	BZP Mild Steel
Anchor Size	100 x 160mm

ORDERING INFORMATION

Range	
Anchor Type	
Readout Type	



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