DATASHEET

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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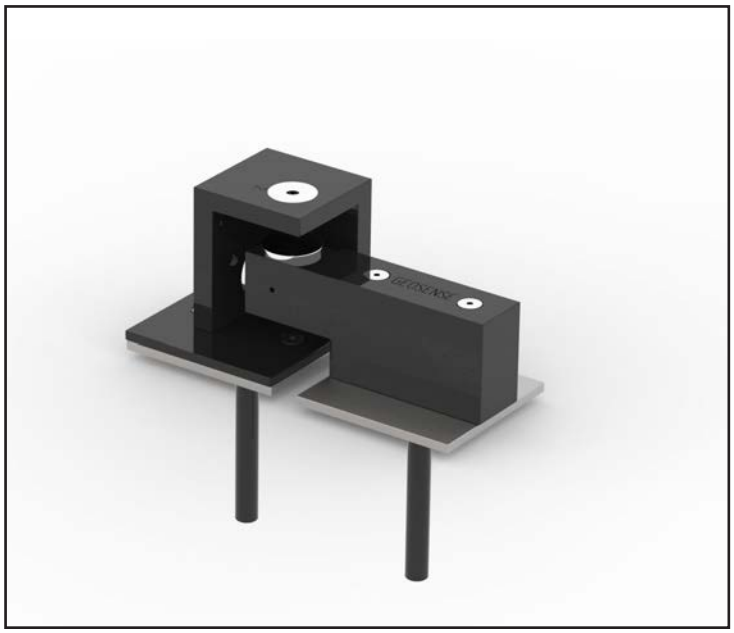
3D Crack Meter

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

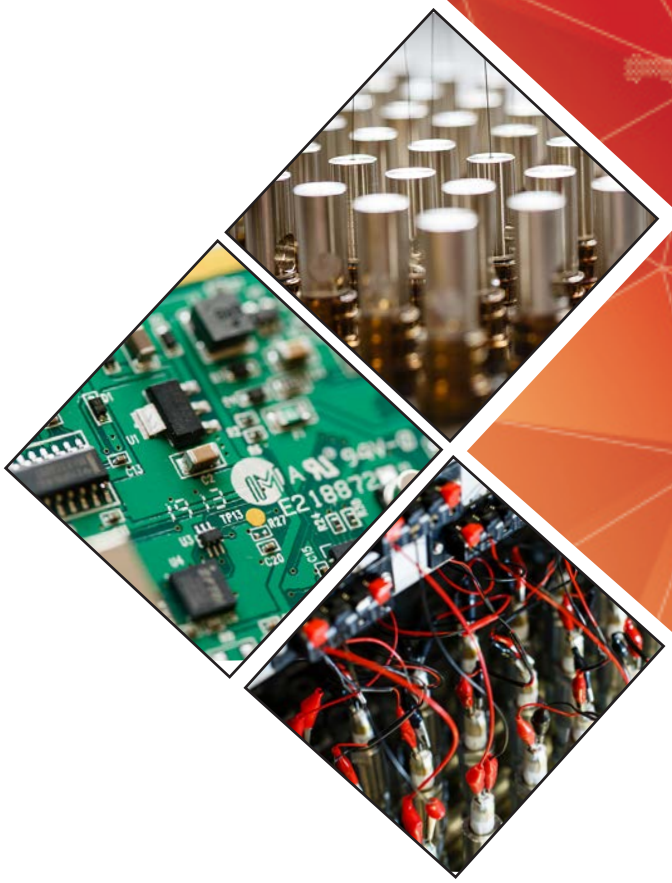
FEATURES

- 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

3D Crack Meter

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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