DATASHEET

3D Crack Meter

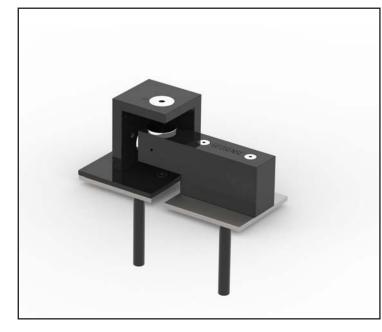






3D Crack Meter

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

- 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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