### DATASHEET

# 3D Crack Meter

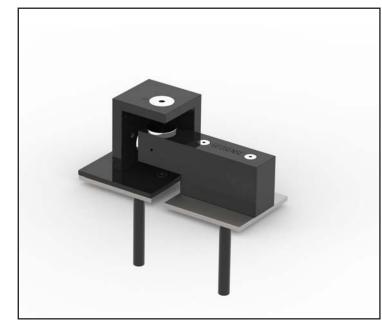






### 3D Crack Meter

#### Overview



Geosense<sup>®</sup> 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		





Geosense Ltd, Nova House, Rougham Industrial Estate, Rougham, Bury St Edmunds, Suffolk IP30 9ND, England

www.geosense.co.uk e sales@geosense.co.uk t +44(0)1359 270457

Specifications are subject to change without notice and should not be construed as a commitment by Geosense. Geosense assumes no responsibility for any errors that may appear in this document. In no event shall Geosense be liable for incidental or consequential damages arising from the use of this document or the systems described in this document. All Content published or distributed by Geosense is made available for the purposes of general information. You are not permitted to publish our content or make any commercial use of our content without our express written consent. This material or any portion of this material may not be reproduced, duplicated, copied, sold, resold, edited, or modified without our express written consent.