Model 4370

HMA Geotechnical Tell-Tales consist of two plates that overlap for part of their length. One plate is calibrated in millimetres and the overlapping plate is transparent and marked with a hairline cursor. As the crack width opens or closes, one plate moves relative to the other. The relationship of the cursor to the scale represents the amount of movement occurring. Various configurations are available to allow measurement of cracks in all directions.

APPLICATIONS

To monitor crack displacement with respect to walled structures.

4370-05 TELL TALES PLUS

- Weather resistant design
- Monitors the opening or closing of a crack to an accuracy of ±1.0 mm, or to an accuracy of ±0.1 mm with calipers
- Capable of monitoring vertical and horizontal movement
- Manufactured in vandal resistant polycarbonate
- Fixing slots and “extra grip” surface improves screw and adhesive fixings

Tell-Tale Plus Crack Monitors

Quality

ISO 9001

Applications

To monitor crack displacement with respect to walled structures.
Tell-Tale Plus Crack Monitors

4370-07 CORNER TELL TALES PLUS
- Monitors cracks in internal or external corners
- Gauge is hinged and will fit into or around corners that are between the angles of 70 to 180 degrees
- Used singly to monitor 2 dimensional movement or in pairs to monitor three dimensional movement
- The Corner Tell-Tale Plus pack consists of two Model 4370-05 Tell-Tale Plus Crack Monitors and two hinge adapters

4370-08 DISPLACEMENT TELL TALES PLUS
- Monitors displacement and horizontal movement where there is a "step" across a crack due to displacement or "out of plane" movement
- Displacement monitoring range up to 100 mm
- Horizontal monitoring range of -10 mm to +50 mm
- Calibrated in millimetres
- Consists of 3 components, a graduated ruler, a top plate, and a bottom plate

NOTE: The graduated ruler is not left in position, it is only used for taking readings. When not in use, it can be kept with the record sheet. This avoids projections, which are liable to be damaged during the monitoring period.

SPECIFICATIONS

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<tr>
<th>MODEL 4370-05</th>
<th>MODEL 4370-07</th>
<th>MODEL 4370-08</th>
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<tbody>
<tr>
<td>(Ruler) 160 mm L x 44 mm W</td>
<td>(Ruler) 160 mm L x 44 mm W</td>
<td>(Ruler) 165 mm L x 35 mm W</td>
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<tr>
<td>(Hinge) 80 mm L x 30 mm W</td>
<td>(Top plate) 115 mm L x 40 mm W</td>
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<td>(Bottom plate) 60 mm L x 41 mm W</td>
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ORDERING INFORMATION

When ordering, please specify the model number and quantity of Tell Tales required. For any special requirements, please contact the HMA Head Office.

Note: HMA Geotechnical is continually improving its products and processes, information contained within this brochure is subject to change without notice.

www.hmagroup.com
Email: geotechnical@hmagrp.com