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HC-2939



Displacement Crack Monitor



Project	1.800.544.7220 • www.humboldtmfg.com • 708.456.	TOMBOLD
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Location of Monitor) -	

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into the raised panel on the bottom plate. Slide the ruler into the slot in the top plate until it fits

mark the results below. ruler projects from the top plate take a reading and Displacement Monitoring: Where the red scal on the

plate, take a reading off the black scale and mark the Horizontal Monitoring: Where the red line at the center of the ruler coincides with the black scale on the top results below.

			Date of Reading
			Displacement Movement (Red Scale on the Ruler)
			Horizontal Movement (Black Scale on the Top Plate)



figure 1



figure 2

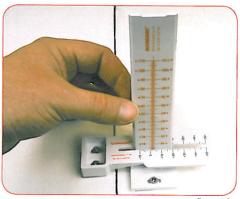


figure 3

Displacement Crack Monitors measure displacement (out of plane) and horizontal movement across a crack.

The Displacement Crack Monitor consists of three components: a graduated ruler, a top plate (calibrated) and a bottom plate (not calibrated). It is only the top and bottom plate that are fixed across a crack. The ruler is not left on the gauge, but is only used when taking readings.

Fixing Instructions

- 1. Align the bottom plate parallel to the crack and fix with screws and rawlplugs (size 6) and adhesive (figue 1).
- 2. Align the top plate on the other side of the crack at 90° to the bottom plate and fix with screws and rawlplugs (size 6) and adhesive (figure 2).

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