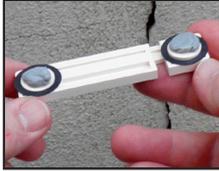
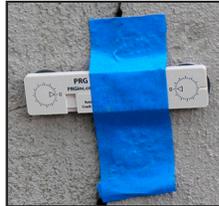


The gauge will need to be adjusted prior to installation.



Extend the rotating buttons to the back to apply



Push on rotating buttons to set the monitor in position. Use tape to hold the gauge in place until the epoxy is set. Remove tape. Preservation Resource Group, Inc ©2014

# ROTATING CRACK MONITOR



Package includes:  
 (1) Rotating Crack Monitor  
 (2) Gaskets  
 Instructions

**Preservation Resource Group, Inc.**  
**www.PRGinc.com 800-774-7891**

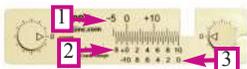


Initial setting of the Rotating Crack Monitor (All Settings = Zero)

## How to read the change in Crack Width

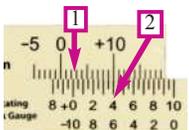
There are three Scales (or Lines of Graduation).

1. Main Scale
2. Plus Scale
3. Minus Scale



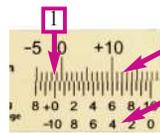
The Main Scale goes from -5 mm to +20 mm. When the crack monitor is installed, the zero point of the Plus Scale is aligned with the zero point of the Main Scale. When there is movement, the zero point of the Plus Scale shifts either to the left (-) or the right (+) of the zero point of the Main Scale.

- If the movement shows **crack enlargement**, then the lines that align between the Main Scale and the Plus Scale indicate the decimal point number.
- If the movement shows **crack reduction**, then the lines that align between the Main Scale and the Minus Scale indicates the decimal point number.



This crack has enlarged (moved apart) 2.4mm

- Main Scale reads a little more than 2mm at the Plus Scale zero.
- The Main and the Plus Scales align at the 4 on the Plus Scale



Two lines align

This crack has reduced (moved together) -1.3 mm

- Main Scale reads a little more than -1 mm at the Plus Scale zero.
- The Main and the Minus Scales line up at the 3 on the Minus Scale.

## How to read Crack Rotation Movement

There are two rotating buttons to help indicate type of crack movement.



If pointers on both Rotation Buttons are up, represents the crack is widening at the top.



If pointers on both Rotation Buttons are down, represents the crack is widening at the bottom



If Left Rotation Button pointer is down and the Right Rotation Button pointer is up, represents left side lower or right side higher, or both, or crack rotating clockwise.



If Left Rotation Button pointer is up and the Right Rotation Button is down, represents left side higher or right side lower, or both, or crack rotating counter-clockwise.