



## FOUR POINT TELLTALE / EXTENSOMETER

### FEATURES

- \* Accurate & Reliable
- \* Easy Installation.
- \* Simple construction
- \* Water drainage hole

### APPLICATIONS

Model SME 2480-IV Telltale extensometer is simple & general design to measure deformation in roof layer of coal mines at 4 different points, slurry and soft rock trenches.

### DESCRIPTION

System has four strong spring anchors. These anchors will be installed in a 40mm to 50mm hole at four different heights with the help of installation tool. Each wire is attached with colored scale. Each scale is having 3 colors as green, yellow & red radium sticker and three scales are coming from each of bigger dia. scale as shown in figure. The reference head is having water diverting hole to drain the water.

After installation of all anchors the anchor pipe assembly with spring will be inserted into hole leaving all the scale hanging one in each. When the bed /roof separation is taking place the reading will change in respective scales.

### ADVANTAGE

As the system is based on mechanical spring anchors hence it is most reliable system. In one hole of 42 mm dia. as much as four anchors can be installed at different height.

### SPECIFICATIONS

Model	:	SME 2480-IV
Range of measurement	:	0-75mm with three color scale of radium sticker
Sensitivity	:	1mm
Installation height	:	1, 3, 4 & 6 meters. (std.) Optional up to 8 meters.



## Sensors & Measurements Enterprises

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