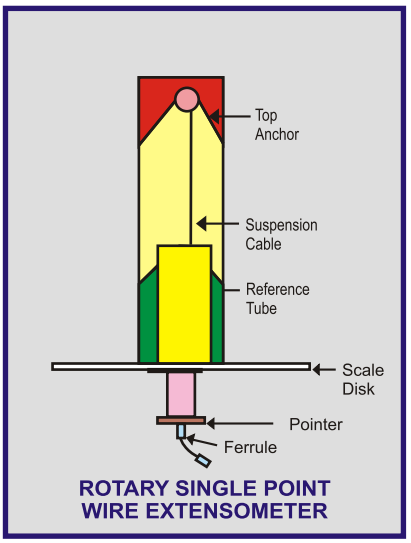
# ROTARY SINGLE POINT WIRE EXTENSOMETER

## MODEL ROTSW-1

**INTRODUCTION :** Rotary Extensometer

In same areas conventional method of Roof Testing is not possible or convenient. There is no visual indication of how close is the system to ultimate failure.

Under these circumstance, Rotary extensometer if installed, will give visual indication to workman regarding the status of roof stability. It is very easy to identify, because of colouring in different shades.



ROTARY SINGLE POINT WIRE EXTENSOMETER

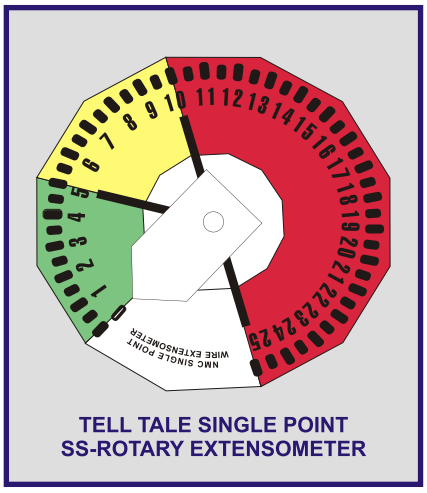
**FEATURE:**

1. It is useful where the conventional method of Roof Support testing is not convenient or possible.
2. Movement of the strata is indicated on the scale with a magnification 1:15.
3. It gives visual indication to workman regarding the status of Roof stability.
4. Rapid & simple to install.
5. Rotary type are useful for variable depth.

# TELL TALE SINGLE POINT SS-ROTARY EXTENSOMETER

1. Drill hole using 43mm bit to the required height.
2. Insert anchor of suspension cable to top of hole. Use graduated purpose Insertion rods to confirm anchor position. Tug wire to seat anchor.
3. Keeping the suspension cable under tension, the reference tube can now be inserted into the bottom of hole. The reference tube should be pushed fully into the hole.
4. Position tube fitted with indicator to the lowest point and crimp ferrule.
5. Rotate and loosen positioning nut, Rotate 12 sided scale disc and align pointer to zero mark on the scale.
6. Tighten positioning nut.

   Now the extensometer is ready for working. Movement of bolted roof will be transferred to reference tube. Pointer position on scale will indicate the strata expansion in mm



TELL TALE SINGLE POINT SS-ROTARY EXTENSOMETER

| | | |
|---|---|---|
| Green Zone | : | 0-5 mm |
| Yellow Zone | : | 6-1 O mm |
| Red Zone | : | 11-25 mm |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