



Roof Extensometer

Applications

- Available as roof or rib extensometer
- Can have up to five channels
- Read using intrinsically safe GEL 300 Readout
- Anchor lengths made to order, to a maximum of 30 metres
- Extension cables available, total length of several hundred metres possible



• GEL 5 Channel Roof Extensometer, shown with anchor cables and locks (included)

Features

The GEL roof extensometer is designed to detect roof and rib displacement in underground coal mines. The simple design and ease of installation makes it an ideal tool for monitoring strata movement.

The GEL extensometer has a maximum capacity of 5 anchors and can be installed in boreholes from as little as 27mm in diameter.

In operation, torsion spring type anchors are swaged to flexible stainless steel anchor wire and installed by setting rods. The anchor length and location are made to order and can be up to 30 metres long.

The extensometer works using linear potentiometers to detect strata movements.

The ease of data manipulation (datum reading minus current reading) makes the GEL extensometer an ideal tool for strata management in underground coal mines.

The GEL Model 300 digital readout connects to display the results from the extensometer.

Technical Specifications

Range 0 to 95 mm

Accuracy 0.5 mm range

Resolution 0.1 mm

Borehole Diameter 28 to 55 mm

For more information, or ordering and pricing details, contact:

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