



ADHAR INSTRUMENTS & SERVICES



Multi-point Borehole Extensometer (Mechanical)

Multipoint Borehole Extensometer (Mechanical Type):

The MPBX (multipoint borehole extensometer) is designed to monitor changes in the distance between down hole anchors, each set at a specified depth in the borehole, and a measurement head at the surface. Rods extend upward from the anchors to the head, where measurements are made with a depth micrometer or displacement transducers.

MPBX heads are sized to accommodate measurement ranges up to 100mm.

APPLICATIONS

- Tunnelling
- Deep excavations
- Dams
- Foundations
- Settlement monitoring
- Rock displacements

2018

Advantages:

- ◆ Accurate, robust, high resolution and good long term stability.
- ◆ Reading unaffected by cable length
- ◆ Capable of withstanding thermal shock without defeating performance.

Specification:

- Monitoring Unit: Digital Vernier Calliperse/ Digital Depth Gauge
- Range: 0-50mm, 100mm
- Accuracy: $\pm 0.25\%FS$
- Operating Temperature: -20 to 60°C
- Rod: 6mm dia SS Rod with studs
- Anchor: 16mm dia, 250mm long groutable anchor