

## DIGITAL EXTENSOMETER

### Rock & Soil Displacement Instrumentation



- SPECIFICATIONS**
- Durable materials: polycarbonate, stainless steel, aluminium alloy
  - Dimensions: 25mm diameter
  - Length up to 25m
  - High Resolution: 0.01mm
  - Accuracy 0.05mm
  - Anchor point dimensions: 6" long, 1 3/4" diameter with steel washers for perfect grip in soft grout.
  - Storage: only ASCII 100 characters per reading
  - Grout: 5 parts water, 2 parts Portland cement, 1 part bentonite in weight.
  - Compatibility: Ethernet gateway, WiFi gateway, RF node
  - Standard range 125mm over all anchors, 200mm and 250mm options available

- FEATURES**
- Simplest, safest operation
  - Complete immunity to water
  - Manually adjustable resistance to stretching for complete adaptability to soil and grout conditions
  - High profile anchor points for better tracking of soil movement
  - On-board microprocessor
  - Unique individual ID tag
  - Readings directly in mm
  - On-board temperature sensor
  - Will survive loss of distal sections