

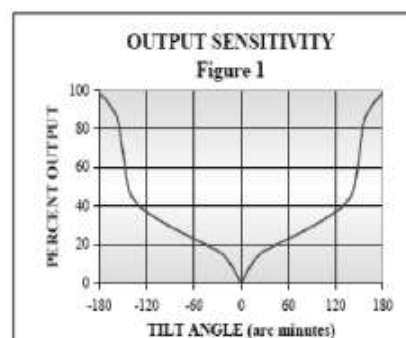
GT-ETI Electrolytic Tilt Meter



Advantages

- High Resolution
- High Accuracy and
- Repeatability
- Long life operation
- Easy Installation
- Cost Effective
- Rugged Enclosure

Geotech Model GT-ETI electrolytic tilt meter utilizes high accuracy electrolytic tilt sensor. In most applications, the sensor is mounted on any structural or ground surface in both X & Y-axis , and could be easily connected to CR1000 Datalogger or other Datalogger for real time monitoring on stability of structures at various engineering occasions, such as monitoring the bridge pier such as during grouting and underpinning, monitoring structures for the effects of excavation or tunneling, monitoring the tilt of retaining walls...etc.



Specifications

Measurement Range	± 2 arc degrees
Accuracy	≤ 30 arc second
Sensor Resolution	≤ 2 arc second
Repeatability	≤ 22 arc second
Linearity	$\pm 1.0\%$F.S.
Operation Temperature	$-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Temperature Sensitivity	0.5 arc second /$^{\circ}\text{C}$
Adjustment Range	Sensor can be zero adjusted $\pm 5^{\circ}$ without moving the existing bracket
Material	Aluminum
Dimension	$20 \times 16 \times 6.5$ cm (Approx.)
Manual / Real Time Automatic Monitoring	Excellent