

Inclination Monitoring

INCLINO-ROBOT-IRA

Specifications (>)

Model:IRA-30

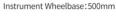
Operating Temperature:-10~60°C

Measuring Range: ±30°

Dimension:295mm×275mm×233mm

Resolution: 0.02mm/500mm Instrument Weight: 24kg

Accuracy: 0.25mm/m





Features >

- Wide applicability: the equipment can be used multiple times for different depths of excavations without the need for factory processing
- Safe and accurate: adheres strictly to inclinometer principles, eliminating errors caused by human factors and greatly improving measurement accuracy
- Customizable measurement frequency: allows for automatic measurements at set intervals, and the measurement frequency can be adjusted as needed
- Simple and convenient: no cable reel required, compact size, easy to install
- Time-saving and labor-saving: utilizes wireless communication, battery power, and solar energy technology, no need for cable laying and protective pipes
- Data diversity: includes a variety of measurement data such as angle, water temperature, battery level, and deformation



INCLINO-ROBOT-IRA-S

Specifications (>)

Model:IRA-30S Operating Temperature:-10~60°C Measuring Range:±30° Size:203mm×192mm×61mm Resolution:0.01mm/500mm Instrument Weight:4kg Accuracy:0.25mm/m | 2.5mm/30m Instrument Wheelbase:500mm



Features >

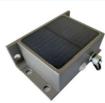
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- Simple and convenient: no cable reel required, compact size, easy to install
- Time-saving and labor-saving: utilizes wireless communication, battery power, and solar energy technology, no need for cable laying and protective pipes
- Data diversity: includes a variety of measurement data such as angle, water temperature, battery level, and deformation
- Immersion: provides significant advantages, particularly for monitoring underwater or in wet environments



DUAL-AXIS TILT METER

Specifications >

Model:GS-DATM05 Operating Temperature:-40 to 85°C Measurement Range:±15°/±30° Resolution:0.001° Output Signal:4G/NB Peak Current:300 mA Measurement Accuracy:0.005° Standby Current:1.5 to 5 μA Operating Voltage:2.7 to 3.8V (DC)



Features >

- Extended Battery Life: Solar-powered, no external power supply required
- IP68 Protection Level: Features a fully integrated, sealed design achieving an IP68 protection level
- Real-Time Data Collection with Triggered Reporting: Operates with both scheduled data
 collection and triggered reporting modes, enabling the device to capture and report changes
 in the monitored object in real-time while consuming minimal power. Suitable for long-term
 movement studies, monitoring and early warnings, and on-site equipment theft prevention
- Simple On-Site Operation: No wiring required on-site, reducing fieldwork; supports remote parameter configuration and firmware updates.



Structural monitoring in tilt building, towers, bridge piers, and etc..

