

# Precision Inclinometer

This precision inclinometer accurately measures angles of inclination and declination. Its robust design and clear display make it suitable for various field applications, including geotechnical and structural monitoring.



## Product Overview

### Precision Borehole Inclinometer

This precision instrument is engineered for accurate determination of dip and azimuth angles within non-magnetic boreholes. Designed for versatility, it supports operations in engineering, hydrology, oil, coal, and geological fields. The system utilizes point measurement methods, allowing for direct readout on the ground control unit and multi-point determination capabilities.

## Measurement Capabilities

### Dip Angle Measurement

**50 °**

Measurement Range

**30 min**

Scale Division

**30 min**

Measurement Error

### Azimuth Angle Measurement

**356 °**

Max Range

**4 °**

Scale Division

**4 °**

Measurement Error

## Technical Specifications

### Probe Dimensions

Parameter	Value
Diameter	54 mm
Length	145 cm
Weight	20 kg

### Operating Environment

- Max Pressure: 50 MPa
- Probe Temp: Up to 100°C
- Control Case Temp: -20°C to +50°C

### Power Supply

90 V

## Application Suitability

### Borehole Requirements

> 65mm Diameter • Non-magnetic • No Casing Tube

### Suitable Industries

Engineering, Hydrology, Oil Field, Coal Field, Geology