

Small-Bore Compass Inclinometer

This small-bore compass inclinometer is designed for measuring borehole inclination and azimuth. It features a digital display for accurate readings and a compact, portable design.



ADDITIONAL IMAGES



Product Overview

Precision Borehole Analysis

This small-bore compass inclinometer is engineered for precise determination of dip and azimuth angles within boreholes. Designed for non-magnetic environments with diameters exceeding 46 mm, it offers a reliable, self-contained solution that requires no external power or cabling. Its robust construction ensures durability under high pressure, making it an essential tool for accurate geological and geophysical surveying.

Physical Specifications

Outer Diameter	40 mm
Total Length	1230 mm
Total Weight	6 kg

Performance Metrics

Key Performance Metrics

80 Max Working Temp	100 kg/cm² Max Water Pressure	120 min Max Working Time
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Measurement Capabilities

Parameter	Range	Accuracy/Error
Azimuth Angle	4° – 356°	±4° (Dip e4°)
Dip Angle	0° – 50°	d±1° (0-30°); d±2° (>30°)

Operational Details

Deployment	Wire rope operation, No external power required, No cabling required
Working Time Range	20 min to 120 min