KXP-2D Small-caliber Digital Compass Inclinometer

Summary

The instrument is designed to meet the nonmagnetic region inclinometer and directional control engineering drilling, exploration drilling, directional drilling, etc. The instrument set of sensors, power supply, digital processing, and other units, multi-point manner independent of measurement angle and azimuth drilling, without cable, no mechanical moving parts, reliable, cost-effective. The instrument can be widely used in engineering, hydrology, oil, coal, geology and other fields.

I. Main features

1. Inclinometer depth: ≤1500;
2. Measuring range and error:
   Angle measuring range: 0 ~ 50 °, measurement error: ± 0.2 °;
   Azimuth measuring range: 0 ~ 360 °;
   When the angle 1 ~ 3 °, the measurement error: ± 5.0 °;
   When the apex angle of 3 ~ 50 °, the measurement error: ± 3.0 °;
3. Measurement: Fixed-point measurement;
4. Measurement delay time: 1 to 180 minutes;
5. Measuring point interval: 1 to 60 minutes;
6. Measurement points: 1 to 100;
7. Data sets can be saved: 100 groups (measuring point total storage number 1000);
8. Power supply: Built-in lithium battery, a charge lasts about 32 hours (new battery);
9. Inclinometer probe Overall: Φ40mm × 1320mm;
10. Environmental temperature: 0 ℃ ~ 55 ℃.