

# KXP-2B 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, a single point work independently and azimuth angle measurements 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 technical specifications

1. Inclinometer depth:  $\leq 1500$ ;
2. Measuring range and error: Angle measuring range:  $0 \sim 50^\circ$ , measurement error:  $\pm 0.2^\circ$ ;  
Azimuth measuring range:  $0 \sim 360^\circ$ ;  
When the angle  $1 \sim 3^\circ$ , the measurement error:  $\pm 5.0^\circ$ ;  
When the apex angle of  $3 \sim 50^\circ$ , the measurement error:  $\pm 3.0^\circ$ ;
3. Measuring mode: single point measurement location;
4. Measurement delay time: (1 to 180) minutes adjustable;
5. Power supply: Built-in lithium battery, a charge lasts about 32 hours (new battery);
6. Inclinometer probe Overall:  $\Phi 40\text{mm} \times 1320\text{mm}$ ;
7. Environmental temperature:  $0^\circ\text{C} \sim 55^\circ\text{C}$ .