

# JJG-2 Inclinometer Calibrator



## Summary

The instrument is suitable to calibrate and check all kinds of inclinometers to determine measurement accuracy of dip angle and azimuth angle of inclinometers.

### I. Main technical features

1. All parts of the apparatus, fasteners, components, parts, etc. are made of non-magnetic material.
2. The instrument is well made, advanced technology, high detection precision, fully meet the requirements of the technical indicators.
3. The clamping diameter is  $\Phi 62\text{mm} \sim \Phi 76\text{mm}$ , using a special clamping block, which can be applied to various diameter inclinometer calibration.

### II. Main technical specifications

1. Each scale division of dip angle dial is  $1^\circ$ ; error among scale divisions is not more than  $\pm 3'$ ; measurement error using a Vernier:  $< \pm 6'$
2. Each scale division of azimuth angle dial is  $2^\circ$ ; error among scale divisions is not more than  $\pm 3'$ ; measurement error using a Vernier:  $< \pm 12'$
3. Sensitivity of water level bubble is  $4'$ ; Error:  $< \pm 20\%$
4. It can clamp inclinometer with a diameter of  $\phi 62\text{-}\phi 76\text{ mm}$
5. The non-verticality error between the horizontal axle and central axle and between the vertical axle and the central axle is less than  $12'$
6. Dimension Diameter: 1 m; Height: 1.18m