

α-GEO

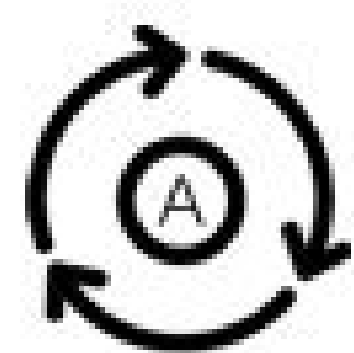


ALPHA AL32

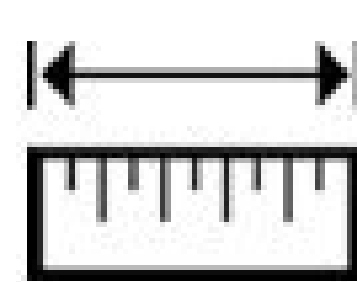
High precision automatic level



High Definition
Objective Lens



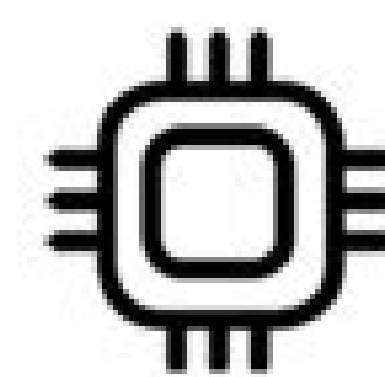
Self-leveling



Measuring
Stability



Horizontal
brake screw



Upgrade
Compensator



IP54

ALPHA AL32-Automatic level

The ALPHA AL32 automatic level can be used for 3rd or 4th order leveling, building constructions and normal leveling surveying applications.

- The automatic compensator, which adopts crossed suspension tapes and air damper, greatly improves the work efficiency and leveling accuracy.
- The ALPHA AL32 is also equipped with a press button for compensator checking.
- The metal body design provides better protection.

Functional Features >>>

High Definition Objective Lens

Objective Lens focusing, can be fine-tuned to use more convenient

32x objective lens

32x telescope, high-definition lenses, high measurement efficiency

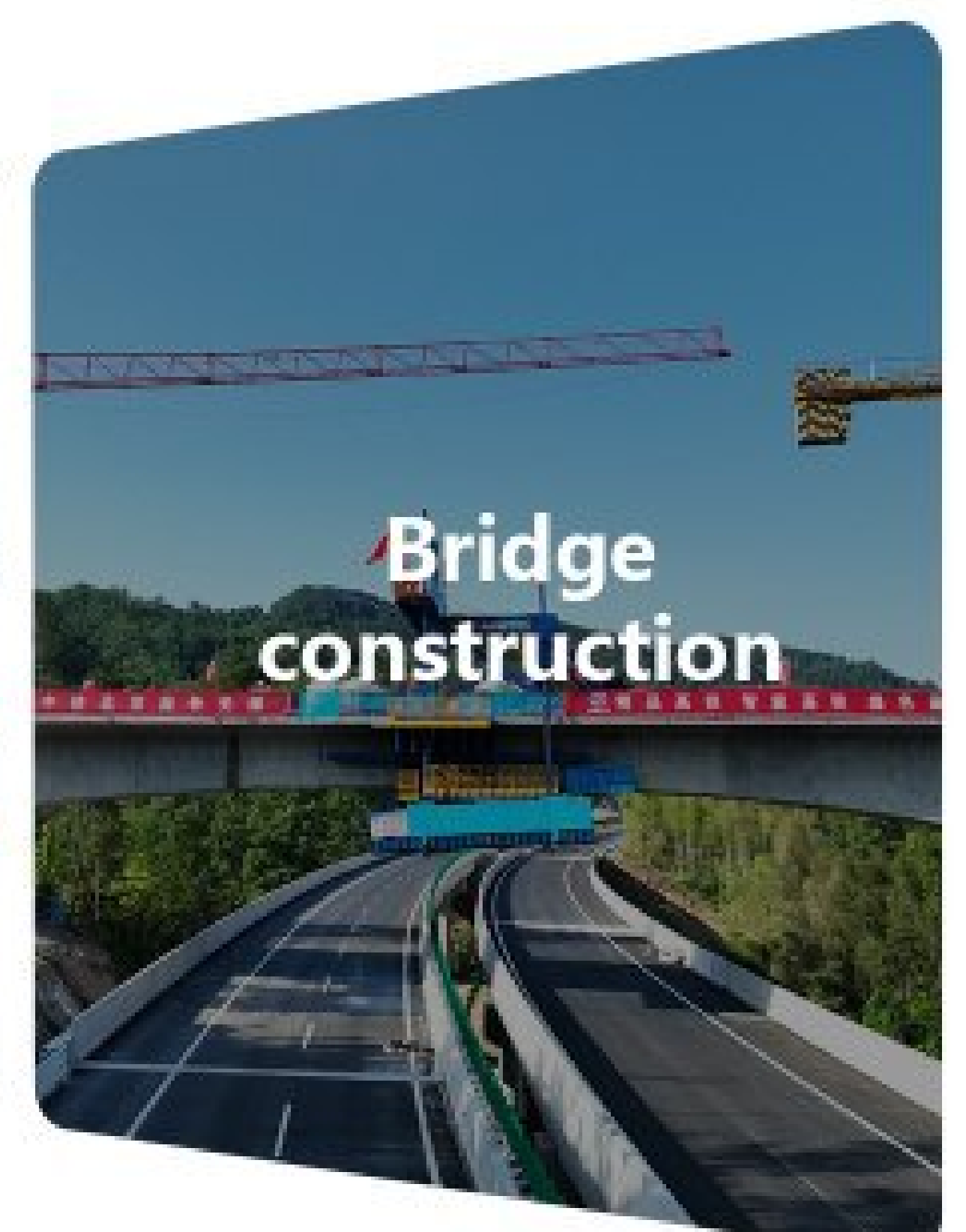
Clamp screw

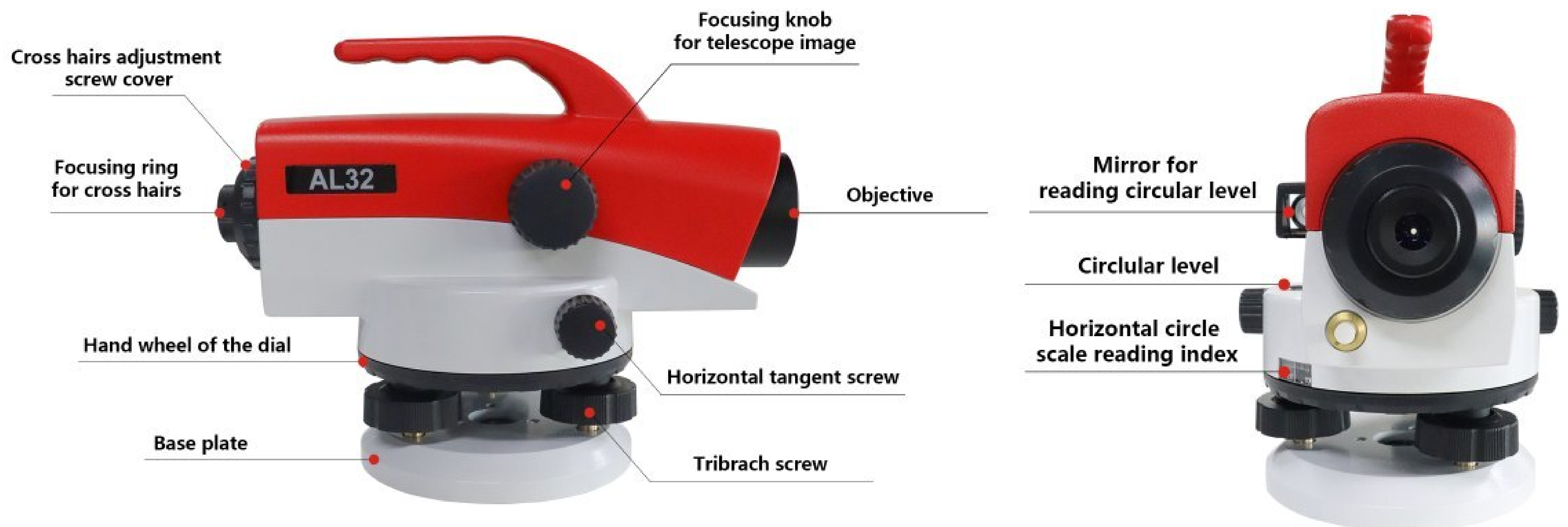
Horizontal brake screw, loosened to reduce the lens rotation resistance, tighten the lens can be fixed to improve the accuracy of measurement

Circular Level

Grasp the overall balance of the product body

Application Scenario >>>



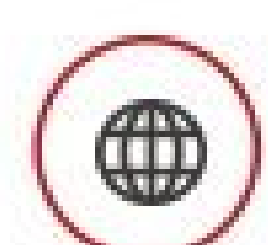


Specification

Telescope Magnification	32X
Standard Deviation for 1km Double-run Leveling	1.0mm
Setting Accuracy	$\pm 0.3''$
Compensator Working Range	$\pm 15'$
Telescope Image	Erect
Effective Aperture Size of Objective	40mm
Angle of FOV	$1^{\circ}17.5'$
Shortest Sighting Distance	0.5m
Stadia Multiplication / Addition Constants	100/0
Accuracy of Circular Level	$8'/2\text{mm}$
Graduation Value	360° or 400gon
Degrees of Protection	IP54
Compensator Type	X wire-hung and air-damping
Instrument Size	229mm x 145mm x 175mm
Net Weight	1.8Kg



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ALPHAGEO

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