



UNIVERSE AUTOMATIC LEVEL AZA1033

The AZA1033 Automatic Level (Auto Level / Self-Leveling Optical Level) is a high-precision optical surveying instrument designed for accurate elevation measurement, alignment, and leveling in construction and civil engineering applications.

With a built-in self-leveling compensator and high-quality optical system, the AZA1033 ensures fast setup, stable performance, and dependable accuracy across demanding field conditions.

KEY FEATURES

- Automatic self-leveling with internal compensator
- High-precision optical system with 20x–32x magnification
- Accuracy up to ± 1.5 mm per km (double-run leveling)
- Magnetic or air-damped compensator for rapid stabilization
- 360° horizontal circle for alignment and layout tasks
- Clear, bright imaging with multi-coated optics
- No power or batteries required
- Durable, weather-resistant construction



STANDARD ACCESSORIES

- Carrying case
- Adjustment tools
- Lens cleaning cloth
- User manual



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TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Telescope Magnification	20x – 32x (model dependent)
Objective Aperture	Approx. 36 mm
Field of View	$\geq 1^{\circ} 30'$
Minimum Focus Distance	0.5 – 1.0 m
Accuracy	$\pm 1.5 - \pm 2.5$ mm per km (double-run)
Compensator Type	Magnetic / Air-damped
Horizontal Circle	360° graduated
Mounting Thread	Standard 5/8"
Weight	Approx. 1.5 – 2.5 kg

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