

# AL15

## AUTOMATIC LEVEL

Essential Accuracy, Built for the Field



### STABLE & RELIABLE ACCURACY

With a standard deviation of 1.5 mm per 1 km double-run leveling using invar staff, the AL15 ensures stable and consistent precision for general construction and land leveling projects. Its  $\pm 0.4''$  magnetically-damped compensator further enhances measurement reliability in everyday fieldwork.

### BRIGHT & SHARP OPTICS

The AL15 is equipped with a 32 $\times$  erect image telescope and 40 mm objective aperture, delivering a clear and wide field of view ( $1^{\circ}30'$ ) even under tough lighting conditions. Its short 0.6 m focusing distance supports fast setup and accurate sighting at close range.

### FIELD-READY DESIGN

Encased in a compact, IP67-rated waterproof and dustproof housing, the AL15 weighs only 1.9 kg for easy transport. Designed to withstand harsh outdoor environments from  $-20^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ , it offers dependable performance with a horizontal circle and circular vial for smooth daily operation.

ACCURACY

Standard Deviation	- 1.5 mm
(1 km Double Run, Invar Staff)	

TELESCOPE

Image	Erect
Magnification	32x
Objective Aperture	40 mm
Field of view	1°30'
Shortest Focusing Distance	0.6 m
Multiplication	100
Additive constant	0

COMPENSATOR

Compensator type	Magnetic-damped
Working range	±12'
Accuracy	±0.4"

CIRCULAR VIAL HORIZONTAL CIRCLE

Accuracy	8'/2mm
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HORIZONTAL CIRCLE

Graduation Value	1°/1gon
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PHYSICAL & ENVIRONMENTAL

Dimension	213 mm × 132 mm × 130 mm
Weight	1.9 kg
Working temperature	-20°C ~ +50°C
Waterproof & Dustproof	IP67

All specifications are subject to change without notice.

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