

# AUTO LEVEL AL SERIES



## Brief Introduction

• AL series are optical instruments mainly used in surveying and building to transfer, measure, or set horizontal levels. It is a high quality, accurate, water resistant and low cost unit ideal for site measurements.

## Features

- 7-pieces built-up telescope system gets clearer images.
- Exclusive closed magnetic field
- Magnetically-dampened compensator.
- Compensator lock
- X-type thread air-damper applied to tilt sensor, high precision and reliable.
- All metal housings for increased durability
- Top-mounted optical peep-sight for quick reference.
- Superior shake-resist, waterproof and dustproof

## Technical Specification

Magnification	24×	28×	32×
Standard deviation for 1km double run leveling	2.0mm	1.5mm	
Image	Erect		
Objective aperture	36mm		
Field of view	1°20'		
Shortest focusing distance	0.6m		
Stadia multiplying constant	100		
Stadia additive constant	0		
Reticle shape	Cross-shape		Wing-shape
Compensator range	±15'		
Setting accuracy	0.5"	0.4"	0.3"
Sensitivity of circular bubble	8'/2mm		
Graduation interval of circle	1° or 1gon		
Water resistance	IPX4		
Connecting size	M16 or 5/8"		
Net weight	1.5kg		

## Standard Delivery

- Main unit 1
- Adjusting pin 2
- Plummet bob 1
- Instruction manual 1
- TIME certificate 1
- Warranty card 1

## Optional Accessory

- Tripod
- Leveling staff

