

AL Automatic Levels

Applications

- Jobsite leveling and cut/fill measurements
- Buildings, profiles, area leveling, and landscaping
- Horizontal angle and distance measurement estimations



Accurate, Affordable, Easy To Use



The Spectra Precision® AL series automatic levels are designed to deliver to contractors, engineers, and building professionals the highest level of accuracy for a variety of elevation control and alignment tasks including general building construction, cut and fill measurements, area leveling, and landscaping.

Key Features

Choice of Magnification

- 20x, 24x, 28x or 32x magnifications suited to various applications.

Choice of Magnetic or Air Damped

- Magnetic compensators are ideally suited for use in high vibration areas. Air damped compensators are best suited to achieve higher accuracy at longer distances.

Superior Optics

- Bright, sharp images even in low light conditions.

Continuous Horizontal Tangent Drives

- Double-sided, continuous horizontal tangent drives allow smooth, easy aligning to the target; right or left hand use.

Stadia Lines

- Stadia lines for simple distance measurement - adds versatility to the instrument.

Angle Measurement

- Horizontal scale directly below the eyepiece makes angle measurement quick and convenient

Water Resistant Construction

- Built for use in harsh construction environments.

Built-in Bubble Mirror

- Easy to see circular bubble for quicker setup and leveling.

Metal Housings

- Rugged metal housings provide increased durability.

Hard-shell Carrying Case

- Protects the instrument when not in use

User Benefits

- Multiple magnifications and compensation methods to fit all jobsite conditions
- Quick, easy setup and adjustment with built-in bubble mirror and continuous horizontal tangent drives
- Built-in sighting scope for quick sighting to grade rods
- Complete packages available with tripods and grade rods
- Hard shelled carrying case with plumb bob, toolkit, rain hood



AL Automatic Levels

Specifications

Model	AL32A	AL24A	AL28M	AL24M	AL20M
Magnification	32X	24X	28X	24X	20X
Dampening	Air	Air	Magnetic	Magnetic	Magnetic
Accuracy*	+/-1.0mm	+/-2.0mm	+/-1.5mm	+/-2.0mm	+/-2.5mm
Leveling Accuracy @ 50m	0.5mm	1.2mm	2.5mm	2.5mm	2.5mm
Telescope:					
Aperture	30mm				
Telescope image	Erect				
Field of view angle	1°20'				
Shortest focus distance	0.65m (2.13 ft.)	0.60m (1.97 ft.)			
Stadia constant	100				
Addition constant	0				
Dimensions (L x W x H):					
Instrument	103 x 190 x 135mm (5.2 x 7.5 x 5.3 in.)				
Case	170 x 280 x 190mm (6.7 x 11 x 7.5 in.)				
Weight:					
Instrument	1.6 kg (3.5 lb)				
Case	1.25kg (2.75 lb)				

* Standard deviation according to DIN 18723 on 1 km of double leveling



Magnetic Damped Model



Air Damped Model



Each auto level comes equipped with a plumb bob, adjustment tools, rain hood and a hard-shell carrying case with strap.

Complete kits are available and include the auto level, tripod and grade rod



Spectra Precision Manufactures a Complete Line of Rotary Lasers, Machine Display Receivers, Rod Mounted Receivers and Pipe Lasers



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