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

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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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Specifications and descriptions are subject to change without notice.

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