

Nikon AC-2S/AP-8 Automatic Levels

AP 8 (508836) / AC-2S-360 (508834)

Auto Levels AP/AC Series

AP and AC Series auto levels are easy to set up and use. Both models can attach to both flat- and spherical-head tripods. Horizontal tangent knobs with an unlimited range ensure smooth, precise pointing and angular measurement, and you can operate them with either hand. The detachable eyepiece lens lets you use an optional diagonal eyepiece prism for working in extremely close or steep quarters.

- Accuracy: + 2.0 mm
- (1 km double run leveling)
- Magnification: 24x
- Includes: Carry case, plumb bob and vinyl dust cover



Add a Tripod & Grade Rod to make a Package. Priced separately

Specifications	AP-8	AC-2S
TELESCOPE		
Tube length	190 mm (7.5 in)	190 mm (7.5 in)
Image	erect	erect
Magnification	28x	24x
Effective diameter of objective lens	30 mm (1.2 in)	30 mm (1.2 in)
Field of view	1°30' (2.6 ft @ 100 ft)	1°30' (2.6 ft @ 100 ft)
Minimum focusing distance	.75 m (2.46 ft)	.75 m (2.46 ft)
Stadia line	yes	yes
LEVEL VIAL SENSITIVITY		
Circular level	10/2 mm	10/2 mm
STANDARD DEVIATION (1 km double-run leveling)		
Without micrometer	±1.5 mm	±2.0 mm
AUTOMATIC COMPENSATOR		
Type	wire-hung, magnetic damper	wire-hung, magnetic damper
Compensation range	±16'	±16'
Setting accuracy	±0.5"	±0.5"
HORIZONTAL CIRCLE		
Diameter of circle	110 mm (4.3 in)	110 mm (4.3 in)
Graduation interval:		
Degree	1°	1°
Gon	1 gon	1 gon
Reading estimation:		
Degree	0.1°	0.1°
Gon	0.1 gon	0.1 gon
DIMENSIONS		
Instrument (L x H x W)	190 x 128 x 123 mm (7.5 x 5.0 x 4.8 in)	190 x 128 x 123 mm (7.5 x 5.0 x 4.8 in)
Carrying case	292 x 170 x 163 mm (11.5 x 6.7 x 6.4 in)	292 x 170 x 163 mm (11.5 x 6.7 x 6.4 in)
WEIGHT		
Instrument	1.25 kg (2.8 lb)	1.25 kg (2.8 lb)
Carrying case	1.2 kg (2.7 lb)	1.2 kg (2.7 lb)