



NIKON Auto Levels AP/AC/AX Series

- Three models to choose from:
AP-8/AC-2S/AX-2S
- Compact and lightweight
- Water-resistant construction
- Magnetic-dampened automatic compensator
- Horizontal tangent knobs with unlimited range
- Smooth, precise pointing and angular measurement
- Detachable eyepiece lens

AP/AC/AX Series auto levels are easy to set up and easy to use. All three models can attach to both fl at- 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 Nikon optics effectively let in more light, so you see brighter, sharper images-especially in low-light conditions The AP-8 model auto level features a 28x high-magnification telescope, the AC-2S has a 24x telescope, and the AX-2S has a 20x telescope All three models offer minimum focusing down to 2 46 ft (0 75 m) for better performance in tight spots or on steep slopes.

Automatic Levels

AP-8/AC-2S/AX-2S Specifications

AP-8, AC-2S and AX-2S include:

- Carrying case with shoulder strap
- Objective lens cap
- Plumb bob
- Adjustment tool
- Vinyl dust cover

Optional:

- Diagonal eyepiece prism

	AP-8	AC-2S	AX-2S
TELESCOPE			
Tube length:	7.5 in (190 mm)	7.5 in (190 mm)	7.5 in (190 mm)
Image:	erect	erect	erect
Magnification:	28x	24x	20x
Effective diameter of objective lens:	1.2 in (30 mm)	1.2 in (30 mm)	1.2 in (30 mm)
Field of view:	1°30' (2.6 ft @ 100 ft)	1°30' (2.6 ft @ 100 ft)	1°30' (2.6 ft @ 100 ft)
Minimum focusing distance:	2.46 ft (.75 m)	2.46 ft (.75 m)	2.46 ft (.75 m)
Stadia line:	yes	yes	yes
LEVEL VIAL SENSITIVITY			
Circular level:	10' / 2 mm	10' / 2 mm	10' / 2 mm
HORIZONTAL CIRCLE			
Diameter of circle:	4.3 in (110 mm)	4.3 in (110 mm)	4.3 in (110 mm)
Graduation interval:			
Degree	1°	1°	1°
Gon	1 gon	1 gon	1 gon
Reading estimation:			
Degree	0.1°	0.1°	0.1°
Gon	0.1 gon	0.1 gon	0.1 gon
AUTOMATIC COMPENSATOR			
Type:	wire-hung, magnetic damper	wire-hung, magnetic damper	wire-hung, magnetic damper
Working range:	±16'	±16'	±16'
Setting accuracy:	±0.5"	±0.5"	±0.5"
STANDARD DEVIATION			
per 1-km double-run leveling:	±1.5 mm	±2.0 mm	±2.5 mm
DIMENSIONS			
Instrument (L x H x W):	7.5 x 5.0 x 4.8 in (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 (190 x 128 x 123 mm)
Carrying case (L x H x W):	11.5 x 6.7 x 6.4 in (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 (292 x 170 x 163 mm)
WEIGHT			
Instrument:	2.8 lbs (1.25 kg)	2.8 lbs (1.25 kg)	2.8 lbs (1.25 kg)
Carrying case:	2.7 lbs (1.2 kg)	2.7 lbs (1.2 kg)	2.7 lbs (1.2 kg)

Your local TDS dealer



TRIPOD DATA SYSTEMS
A TRIMBLE COMPANY

P.O. Box 947, Corvallis, OR 97339

©2005 Tripod Data Systems, Inc. Tripod Data Systems, TDS, the TDS triangles logo and the TDS road sign icons are trademarks of Tripod Data Systems. Nikon and the Nikon logo are registered trademarks of Nikon Corporation. All other brand names and trademarks are property of their owners. Color display images shown may vary slightly from actual display. Specifications subject to change.

SANDA 050425