

AT-B series
AUTO LEVEL

TOPCON

AT-B series

AUTO LEVEL



**Durable, Dependable,
High Value Auto Levels**

- 3 MODELS - 32X, 28X, AND 24X MAGNIFICATIONS
- RAPID, ACCURATE, AND STABLE AUTOMATIC COMPENSATION
- ULTRA-SHORT 20CM (7.9 IN.) FOCUSING
- ALL-WEATHER DEPENDABILITY
- CLAMPLESS, ENDLESS FINE HORIZONTAL ADJUSTMENTS

AT-B2

High-precision model



Magnification	Objective Aperture	Accuracy
32x	42mm	0.7mm
Minimum Focus	Protection	Weight
20cm	IPX6	1.85kg

AT-B3

Versatile model for surveying,
engineering and construction



Magnification	Objective Aperture	Accuracy
28x	36mm	1.5mm
Minimum Focus	Protection	Weight
20cm	IPX6	1.7kg

AT-B4

Economical model for
engineering and construction



Magnification	Objective Aperture	Accuracy
24x	32mm	2.0mm
Minimum Focus	Protection	Weight
20cm	IPX6	1.7kg



Rapid, Stable, and Durable Compensator

The compensator of AT-B series incorporates four suspension wires made of super-high-tensile metal that features minimal thermal expansion coefficient, providing unmatched durability and accuracy. Finely tuned magnetic damping system quickly levels and stabilizes the line of sight despite the fine vibrations present when working near heavy equipment or busy roadways.



20cm (7.9 in.) - Ultra-Short Minimum Focus

The AT-B series can focus on objects at 20cm (7.9 in.) in front of the telescope. This feature dramatically facilitates the works in confined spaces.

Horizontal Circle for Angle Measurement

Horizontal angles can be directly read in 1° or 1gon units. Free rotation feature allows you to read any angle from zero. The circle is covered for protection against dirt and scratch. The readout window is located below the eyepiece for quick reading.



All-Weather Dependability

With the IPx6 rating, the instrument is protected against powerful water jets from all directions, meaning the AT-B series withstands a sudden shower or torrential rainfall. The advanced protection design also deters clouding or condensation inside the telescope.

It's time.

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AT-Bseries SPECIFICATIONS

	AT-B2	AT-B3	AT-B4
Telescope			
Length	215mm (8.46 in.)		
Magnification	32X	28X	24X
Objective Aperture	42mm (1.65 in.)	36mm (1.42 in.)	32mm (1.26 in.)
Resolving Power	3"	3.5"	4"
Field of View (at 100m/328ft.)	1°20' (2.3m / 7.5ft.)	1°25' (2.5m / 8.2ft.)	
Minimum Focus	0.2m (7.9 in.) from end of telescope 0.3m (1ft.) from instrument center		
Image	Erect		
Stadia Constant	0		
Stadia Ratio	100		
Focusing Knob	2-speed	1-speed	
Sighting Aid	Peep Sight		Gun Sight
Accuracy (1km double run leveling)			
Without Micrometer	0.7mm (0.03 in.)	1.5mm (0.06 in.)	2.0mm (0.08 in.)
With Micrometer	0.5mm (0.02 in.)	n/a	
Compensator			
Type	Pendulum compensator with magnetic damping system		
Setting Accuracy	0.3"	0.5"	
Working Range	±15'		
Circular Level			
Sensitivity	10' / 2mm		
Horizontal Circle			
Diameter	103mm (4.1 in.)		
Minimum Division	1° / 1gon		
General			
Water Resistance	IPX6 (IEC 60529:2001)		
Operating Temperature	-20°C to +50°C (-4°F to +122°F)		
Size	Width	130mm (5.12 in.)	
	Length	215mm (8.46 in.)	
	Height	140mm (5.51 in.)	135mm (5.31 in.)
Weight	1.85kg (4.1 lbs.)	1.7kg (3.7 lbs.)	

Standard Package/ Optional Accessories



- AT-B Level
- Plumb bob
- Hex wrench
- Adjusting pins
- Vinyl cover
- Cleaning cloth
- Lens cap
- User manual
- Hard carrying case



Diagonal Eyepiece
DE16 (AT-B2)



Optical Micrometer
OM5(F) (AT-B2)



Diagonal Eyepiece
DE22 (AT-B3/B4)



40x Eyepiece
EL5 (AT-B2)

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