

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-B Series SPECIFICATIONS

TELESCOPE	AT-B2	AT-B3	AT-B4
Length	215mm (8.46 in.)	215mm (8.46 in.)	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 in.	3.5 in.	4 in.
Field of View (at 100m/328ft.)	1°20' (2.3m/7.5 ft.)	1°25' (2.5m/8.2 ft.)	1°25' (2.5m/8.2 ft.)
Min. Focus from end of telescope	0.2m (7.9 in.)	0.2m (7.9 in.)	0.2m (7.9 in.)
Min. Focus from instrument center	0.3m (1 ft.)	0.3m (1 ft.)	0.3m (1 ft.)
Image	Erect	Erect	Erect
Stadia Constant	0	0	0
Stadia Ratio	100	100	100
Focusing Knob	2-speed	1-speed	1-speed
Sighting Aid	Peep Sight	Gun 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	n/a
COMPENSATOR			
Type	Pendulum compensator with magnetic damping system		
Setting Accuracy	0.3 in.	0.5 in.	0.5 in.
Working Range	±15 ft.	±15ft.	±15 ft.
CIRCULAR LEVEL			
Sensitivity	10 ft./2mm	10 ft./2mm	10 ft./2mm
HORIZONTAL CIRCLE			
Diameter	103mm (4.1 in.)	103mm (4.1 in.)	103mm (4.1 in.)
Minimum Division	1°/1gon	1°/1gon	1°/1gon
GENERAL			
Water Resistance	IPX6 (IEC 60529:2001)		
Operating Temperature	-4°F to +122°F (-20°C to +50°C)		
Width	5.12 in. (130mm)	5.12 in. (130mm)	5.12 in. (130mm)
Length	8.46 in. (215mm)	8.46 in. (215mm)	8.46 in. (215mm)
Height	5.51 in. (140mm)	5.51 in. (140mm)	5.31 in. (135mm)
Weight	4.1 lbs. (1.85kg)	3.7 lbs. (1.7kg)	3.7 lbs. (1.7kg)

Standard Package



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

Optional Accessories

- Diagonal Eyepiece
- 40x Eyepiece
- Optical Micrometer

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.

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.



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.



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.



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