

AT-B series

AUTO LEVEL







Objective Aperture
42mm

Accuracy **0.7**mm

Minimum Focus

20cm

Magnification

32x

Protection IPX6

Weight 1.85kg AT-B3

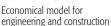
Versatile model for surveying, engineering and construction



Minimum Focus
Protection
IPX6

Accuracy
1.5mm

Weight 1.7kg AT-B4





Magnification **24x**

Objective Aperture **32mm**

Accuracy **2.0mm**

Minimum Focus
20cm

Protection IPX6

Weight 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.



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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	1°20'	1°25'		
(at 100m/328ft.)	(2.3m / 7.5ft.)	(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		peed	
Sighting Aid	Peep Sight Gun Sight			
Accuracy (1km double	1		T	
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				
Туре	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 Length Height		130mm (5.12 in.)		
		215mm (8.46 in.)		
	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
 Hard carrying case
- · Vinyl cover



Diagonal Eyepiece DE16 (AT-B2)



Diagonal Eyepiece DE22 (AT-B3/B4)



Optical Micrometer OM5(F) (AT-B2)



40x Eyepiece EL5 (AT-B2)

Your local Authorized Topcon Dealer is:

· Cleaning cloth

User manual

• Lens cap