

**Product Name :**  
Auto Level (Sokkia)

**Product Code :**  
SUY0002



**Description :**

Auto Level (Sokkia)

**Technical Specification :**

Sokkia's B series automatic levels feature enhanced reliability under all environmental conditions and are more tightly sealed against water, dust and humidity (IPx6). Quick setup, easy sighting and superior durability against vibration and shock ensure increased productivity. The B series Sokkia Auto levels incorporate the most precise and reliable compensator available in the market today. The optimally designed telescope provides exceptionally bright and sharp view that reduces operator's eye strain. Quick collimation and horizontal angle measurement combine for fast and easy aiming of layout and alignment tasks. The market- and time-proven B series automatic levels provide outstanding precision for a multitude of leveling tasks

- . Precise, Reliable Automatic Compensator.
- . Superior Telescope.
- . Quick Collimation.
- . Horizontal Angle Measurement.
- . Stadia lines on the reticle allow distance measurements.
- . Rapid, Easy Setup.
- . Easy to Adjust.

**Topcon Auto Level AT-B Series Technical Specifications:**

Telescope			
Length	250mm (8.46in.)		
Magnification	32x	28x	24x

Objective aperture	42mm (1.65in.)	36mm (1.42in.)	32mm (1.26in.)
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 (7.9in.) from end of telescope 0.3m (1ft.) from instrument center		
Image	Erect		
Reticle pattern	Wedge	Cross line	
Stadia constant	0		
Stadia aid	2-speed	1-speed	
Lens hood	Preep sight		Gun sight
<b>Accuracy (Standard deviation for 1km double run leveling)</b>			
Without micrometer	0.7mm (0.03in.)	1.5mm (0.06in.)	2.0mm (0.08in.)
With micrometer	0.5mm (0.03in.)		
<b>Compensator</b>			
Type	Type Pendulum compensator with magnetic damping system Setting		
Setting accuracy	0.3"	0.5"	
Working range	±15"		
<b>Circular level</b>			
Sensitivity	10"/2mm		
Mirror	Pentaprism	Plane Mirror	
<b>Horizontal circle</b>			
Diameter	103mm (4.1in.)		
Graduations	1deg/1gon		
<b>General</b>			
Horizontal motion drive	Clamp less, endless, double-sided knobs		
Water resistance	IP x 6(IEC 60529:2001)		
Operating temperature	-20 to -50degC (-4 to +122 deg F)		
Size	Width	130mm (5.12in.)	
	Length	215mm (8.46in.)	
	Height	140mm (5.51in.)	135mm (5.31in.)
Weight	1.88kg (4.1lb)	1.7kg (3.7 lb)	

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