

# **B20.B30A.B40A**

**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



Magnification

32x



Objective Aperture Accuracy 42<sub>mm</sub> **0.7**mm

**20**cm

IPX6

1.85kg



28x

**20**cm



Magnification Objective Aperture 36<sub>mm</sub>

IPX6

1.5mm 1.5kg

Accuracy





Magnification 24x

Objective Aperture **32**mm

Accuracy 2.0mm

**20**cm

IPX6

1.5kg

### AUTO LEVEL

## **Rapid, Stable, and Durable Compensator**

The compensator of B20/B30A/B40A 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

B20/B30A/B40A 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**

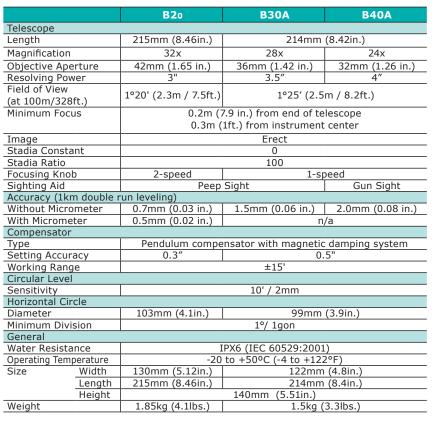
Horizontal angles can be directly read in 1° or 1gon units. Free rotation feature allows you to read any angle from zero.



## **All-Weather Dependability**

With the IPX6 rating, the instrument is protected against powerful water jets from all directions, meaning B20/ B30A/B40A withstands a sudden shower or torrential rainfall.

The advanced protection design also deters clouding or condensation inside the telescope.



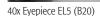
## **Standard Package/ Optional Accessories**



- Main unit
- Cleaning cloth
- Hex wrench
- · Lens cap
- Adjusting pins
- User manual

Hard carrying case

- Vinyl cover (B20/B30A) - Plumb bob (B20/B30A)









**Ultimate Environmental Performance and Durability** 

SOKKIA has been performing environmental tests against a set of expected job site conditions to certify the products for the long term use. The B Series has been tested by the special inspection equipment for complete waterproofness. The B Series also has the highest environmental performance and durability in SOKKIA's Auto Level history, proven by tests against temperature, humidity, vibration and drop.



Water Proof Test (IPX6)

The B Series is proven to withstand powerful water jets from all directions without any submergence inside the



**Cold and Heat Resistance Test** 

The B Series has passed operating temperature tests from - 20 °C to

+ 50 °C degree.



**Durability Test** 

The B Series has passed strict durability tests including rotation of leveling foot screw, Focusing knob and Horizontal fine motor screw.



### **TOPCON CORPORATION**

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