



**Overview:**

The Automatic Level is a high-precision surveying instrument designed for leveling, construction layout, and civil engineering measurements. Featuring 32x optical magnification and a magnetic damping compensator system, the instrument ensures stable and accurate readings even under field conditions. Its robust metal body with IP65 dust and water protection makes it suitable for outdoor surveying and construction environments.

**Features:**

- High-precision **32x magnification telescope** for clear and accurate sighting
- **Magnetic damping compensator** for quick and stable automatic leveling
- Durable **G-style metal body construction** for rugged field use
- **Erect image optical system** with cross-hair reticle for precise targeting
- Wide field of view for easy staff reading
- Dustproof and waterproof design (**IP65 protection**)
- Suitable for construction, surveying, and engineering leveling work

**Technical Specifications**

Parameter	Specification
Magnification	32 x
Effective Objective Aperture	40 mm
Image	Erect
Reticle	Cross reticle
Field of View	1°20' (2.3 m at 100 m)
Minimum Focus Distance	0.3 m
Multiplication Constant	100
Additive Constant	0
Compensator Type	Magnetic Damping

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Parameter	Specification
Compensator Range	±15'
Compensator Setting Time	< 1 s
Compensator Setting Accuracy	±0.3"
Standard Deviation (1 km Double Run)	1.0 mm
Sensitivity of Bubble	8' / 2 mm
Circle Graduation	360° or 400 gon (minimum 1° or 1 gon)
Dust & Water Protection	IP65
Operating Temperature	-20 °C to 50 °C
Storage Temperature	-40 °C to 70 °C
Net Weight	Approx. 1.5 kg

### Accessories Supplied

- Carrying case
- Adjustment tools
- Plumb bob
- Protective cover
- User manual

### Packaging

- **Package Size (4 pcs/CTN):** 440 × 320 × 440 mm
- **Gross Weight (Approx.):** As per shipment configuration

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