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# ALPHA AL45

High precision automatic level

- High Definition Objective Lens
- Self-leveling
- Measuring Stability
- Horizontal brake screw
- Upgrade Compensator
- IP54



ALPHA AL45-Automatic level

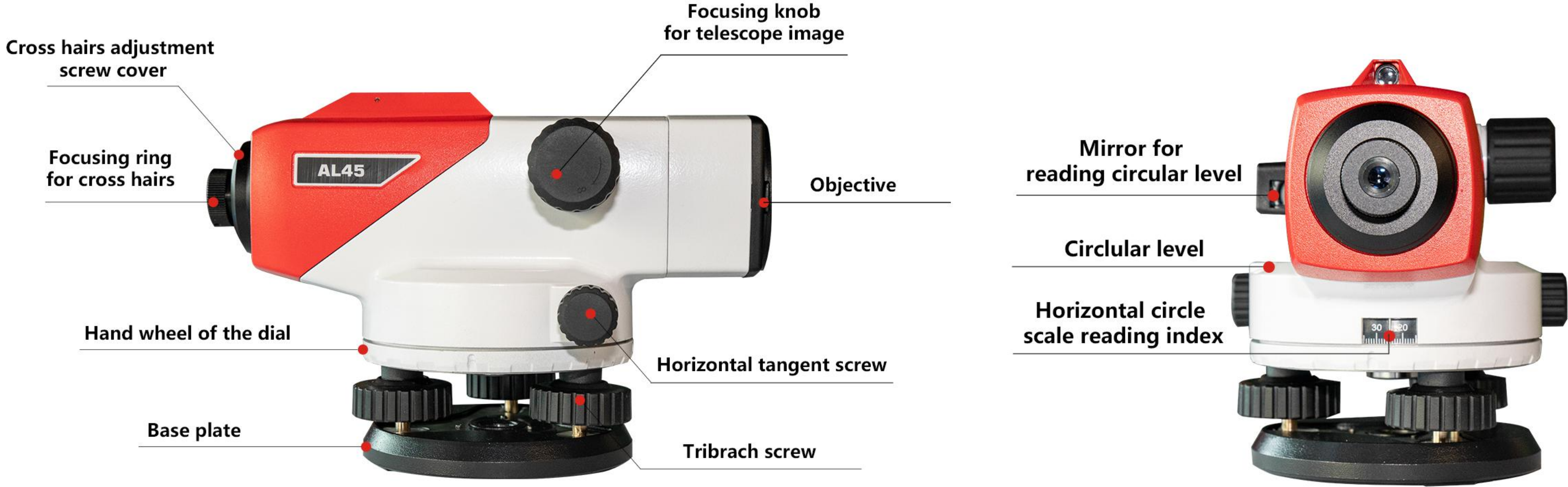
The ALPHA AL45 automatic level can be used for 3rd or 4th order leveling, building constructions and normal leveling surveying applications.

- The automatic compensator, which adopts crossed suspension tapes and magnetic damper, greatly improves the work efficiency and leveling accuracy.
- The ALPHA AL45 is also equipped with a press button for compensator checking.
- The metal body design provides better protection.

Functional Features >>>



Application Scenario >>>



Specification

|                                                |                                           |
|------------------------------------------------|-------------------------------------------|
| Telescope Magnification                        | 32X                                       |
| Standard Deviation for 1km Double-run Leveling | 1.0mm                                     |
| Setting Accuracy                               | ±0.3"                                     |
| Compensator Working Range                      | ±15'                                      |
| Telescope Image                                | Erect                                     |
| Effective Aperture Size of Objective           | 45mm                                      |
| Angle of FOV                                   | 1°20'                                     |
| Shortest Sighting Distance                     | 0.3m                                      |
| Stadia Multiplication / Addition Constants     | 100/0                                     |
| Accuracy of Circular Level                     | 8'/2mm                                    |
| Graduation Value                               | 360°or 400gon                             |
| Degrees of Protection                          | IP54                                      |
| Compensator Type                               | V-shaped wire suspension magnetic damping |
| Instrument Size                                | 234mm x 133mm x 145mm                     |
| Net Weight                                     | 1.95Kg                                    |