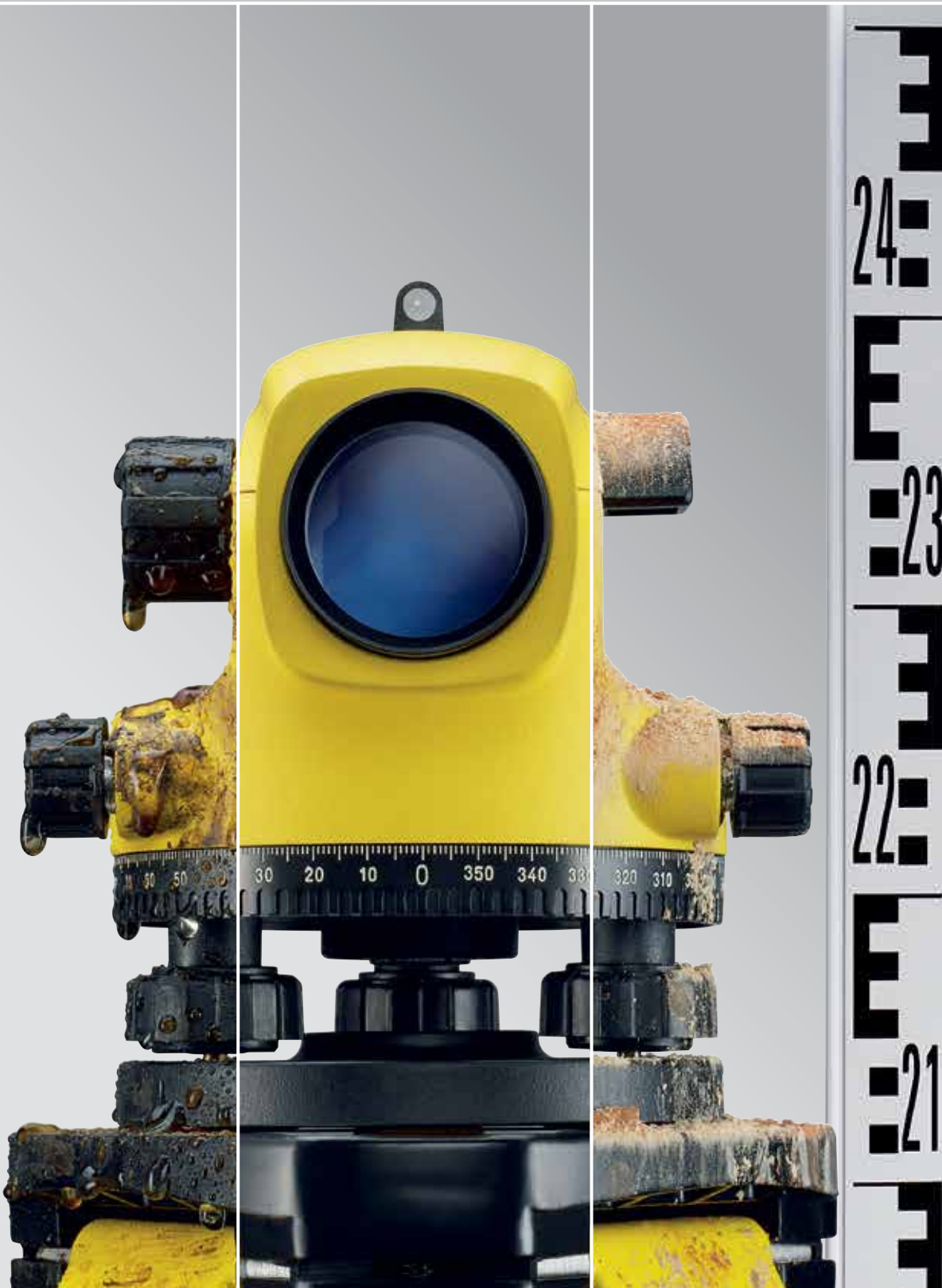
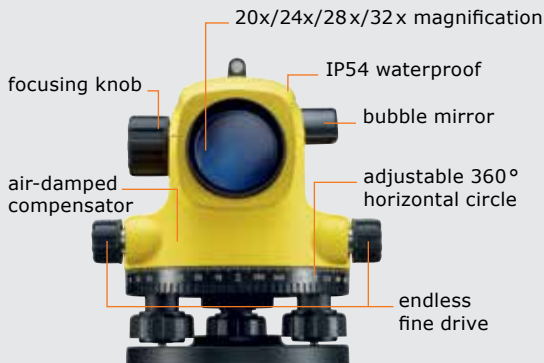


# GeoMax Automatic Level ZAL100 Series



# ZAL100 Series

Suitable for outdoor as well as for indoor use the user friendly ZAL100 Auto Level Series from GeoMax is your guarantee to get the job done, accurate and on time.



## Built to Last

With the ZAL100 Series GeoMax introduces an automatic level to the construction industry designed for your daily levelling tasks with outstanding price-to-performance ratio. Meeting the IP54 class specifications guarantees all weather operation of the ZAL100 Series and provides you with an instrument that "Works when you do!".

### Telescope

|                                | ZAL132                         | ZAL128 | ZAL124 | ZAL120 |
|--------------------------------|--------------------------------|--------|--------|--------|
| Objective aperture             | 36 mm clear objective lens     |        |        |        |
| Magnification                  | 32x                            | 28x    | 24x    | 20x    |
| Image                          | Erect                          |        |        |        |
| Field of view                  | < 2.1 m at 100 m               |        |        |        |
| Minimum focusing distance      | < 1.0 m                        |        |        |        |
| Reticle                        | Cross hairs, with stadia lines |        |        |        |
| Stadia multiplication constant | 100                            |        |        |        |
| Stadia additive constant       | 0                              |        |        |        |

### Compensator

|                                       |                       |  |  |  |
|---------------------------------------|-----------------------|--|--|--|
| Damping system                        | Automatic, air-damped |  |  |  |
| Working range                         | ± 15'                 |  |  |  |
| Setting accuracy (standard deviation) | < 0.5"                |  |  |  |

### Levelling Accuracy

|   |        |  |  |        |
|---|--------|--|--|--------|
| Standard deviation for 1km double-run levelling | 2.0 mm |  |  | 2.5 mm |
|---|--------|--|--|--------|

### Horizontal Circle

|                        |           |  |  |  |
|------------------------|-----------|--|--|--|
| Diameter               | 106 mm    |  |  |  |
| Graduation / Intervals | 360° / 1° |  |  |  |

### General

|                                |                             |  |  |  |
|--------------------------------|-----------------------------|--|--|--|
| Sensitivity of circular bubble | 8' / 2 mm                   |  |  |  |
| Mirror for circular level      | Plane mirror                |  |  |  |
| Horizontal fine motion screws  | Double-sided endless drive  |  |  |  |
| Dust and Water resistance      | Conforms to IP54 (IEC60529) |  |  |  |
| Base / Base screw              | Concave and flat / 5/8"     |  |  |  |
| Weight                         | 1.5 kg                      |  |  |  |
| Operating temperature range    | -20° C to +40° C            |  |  |  |



## Your one-stop-shop

Reliable work demands reliable accessories. We recommend the various fully tested original tripods and staff from our GeoMax accessories selection to reach the highest reliability for all your tasks.



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