

Automatic Level



Class leading optics

- Easy and convenient read-out
- Fast and easy focusing
- Gas-filled telescope body for clear view

Tough and resistant

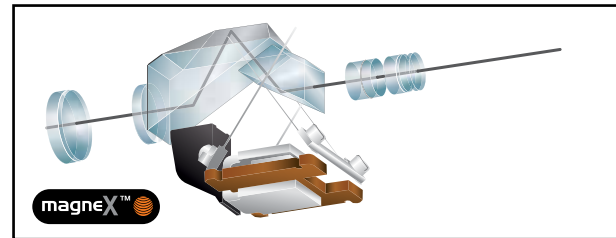
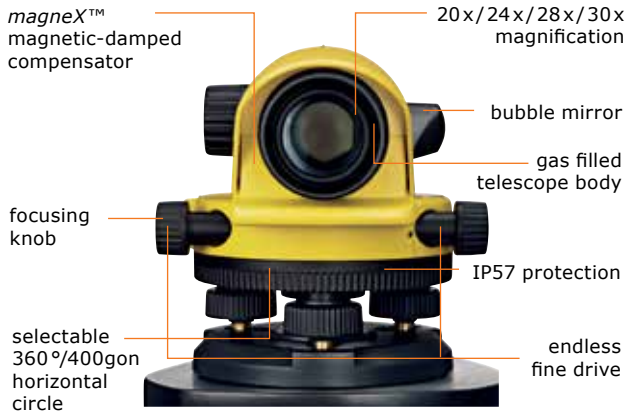
- Highly resistant to bumps
- Water- and dust-resistant
- Sealed and shock protected housing

Flexible and ergonomic

- magneX™ magnetic damped compensator
- 4 types of magnifications
- Offers accuracy of your choice

ZAL300 Series

Get all your tasks done with GeoMax's level flagship. From daily levelling tasks to high accuracy – the ZAL300 Series is your first choice where robustness, comfort and accuracy count. It simply "Works when you do!"



Flexible and ergonomic

With four different types of magnifications, 20x, 24x, 28x and 30x, the ZAL300 series offers the accuracy of your choice. The patented magneX™ compensator system from GeoMax used in the ZAL300 series with magnetic dampening makes stuck a thing of the past.

Built for toughest conditions

The ZAL300s class leading optics and magneX™ compensator are imbedded in a sealed and shock protected housing making it highly resistant to bumps and all weather conditions. Even following a short drop the GeoMax ZAL300 continues to work with the same reliability and accuracy.

| | ZAL330 | ZAL328 | ZAL324 | ZAL320 |
|---|---|--------|--------|--------|
| TELESCOPE | | | | |
| Magnification | 30x | 28x | 24x | 20x |
| Objective aperture | 40mm | | 36mm | 30mm |
| Minimum focusing distance | 0.8m | | 0.6m | |
| Stadia multiplication constant | | 100 | | |
| COMPENSATOR | | | | |
| Damping system | magneX™, automatic, magnetic-damped | | | |
| Working range | ± 15' | | | |
| Setting accuracy (standard deviation) | < 0.3" | | < 0.5" | |
| LEVELLING ACCURACY | | | | |
| Standard deviation for 1km double-run levelling | 1.2mm | 1.5mm | 2.0mm | 2.5mm |
| GENERAL | | | | |
| Horizontal circle | 360 degree/400 gon, selectable | | | |
| Horizontal fine motion screws | Double-sided endless drive | | | |
| Sensitivity of circular bubble | 10' / 2mm | | | |
| Dust and Water resistance | Conforms to IP57 (Gas filled telescope) | | | |
| Base / Base screw | Concave and flat / 5/8" | | | |
| Weight | 1.7kg | | 1.6kg | |
| Operating temperature range | -20°C to +50°C | | | |



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