

GeoMax Automatic Level

ZAL300 Series

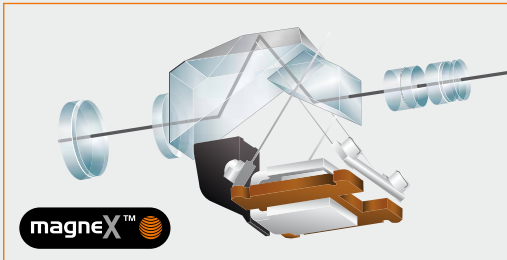
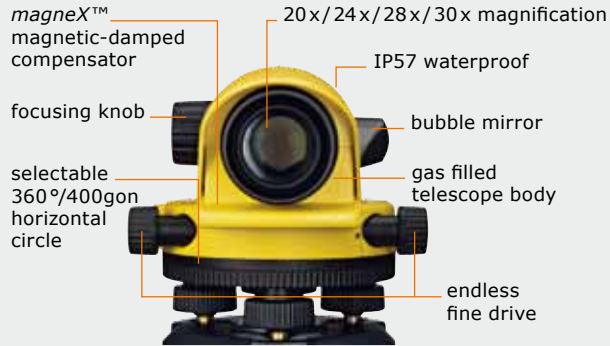


ZAL300 Series

Get all your tasks done with GeoMax's level flagship. From daily leveling 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 protected housing making it highly resistant in all weather conditions.

| | ZAL330 | ZAL328 | ZAL324 | ZAL320 |
|--|---|--------|---------|--------|
| Telescope | | | | |
| Magnification | 30x | 28x | 24x | 20x |
| Objective aperture | 40mm | | 36 mm | 30mm |
| Minimum focusing distance | 0.8m | | 0.6m | |
| Stadia multiplication constant | 100 | | | |
| Compensator | | | | |
| Damping system | <i>magneX™</i> , automatic, magnetic-damped | | | |
| Working range | ± 15' | | | |
| Setting accuracy (standard deviation) | < 0.3" | | < 0.5 " | |
| Leveling Accuracy | | | | |
| Standard deviation for 1km double-run leveling | 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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