

GeoMax Automatic Level

ZAL300 Series



GE  **MAX**
Part of Hexagon Group

ZAL300

ZAL300 Series

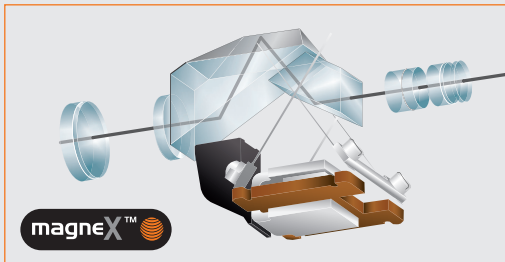
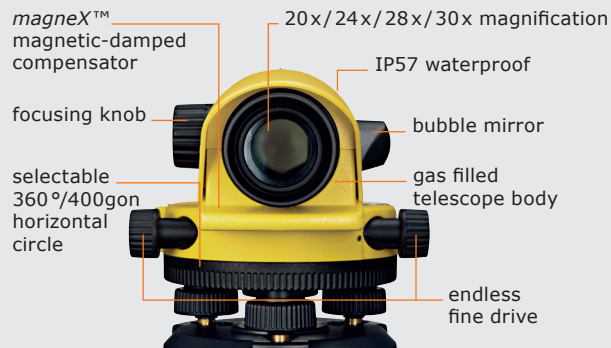


Get all your tasks done with GeoMax's level flagship. From daily levelling tasks to high accuracy – the ZAL300 Series is your first choice where robustness, comfort and accuracy count. It simply "Works when you do!"

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.

Telescope

	ZAL330	ZAL328	ZAL324	ZAL320
Magnification	30x	28x	24x	20x
Objective aperture	40 mm		36 mm	30 mm
Minimum focusing distance	0.8 m		0.6 m	
Stadia multiplication constant	100			

Compensator

Damping system	<i>magneX™</i> , automatic, magnetic-damped			
Working range	± 15'			
Setting accuracy (standard deviation)	< 0.3"		< 0.5"	

Levelling Accuracy

Standard deviation for 1km double-run levelling	1.2 mm	1.5 mm	2.0 mm	2.5 mm
---	--------	--------	--------	--------

General

Horizontal Circle	360 degree/400 gon, selectable			
Horizontal fine motion screws	Double-sided endless drive			
Sensitivity of circular bubble	10' / 2 mm			
Dust and Water resistance	Conforms to IP57 (Gas filled telescope)			
Base / Base screw	Concave and flat / 5/8"			
Weight	1.7 kg		1.6 kg	
Operating temperature range	-20°C to +50°C			

All trademarks and trade names are those of their respective owners.



Copyright GeoMax AG. Illustrations, descriptions and technical specifications are not binding and may change. Printed in Switzerland / 10.2010 / 783255en

