

# GeoMax Automatic Level

## ZAL300 Series



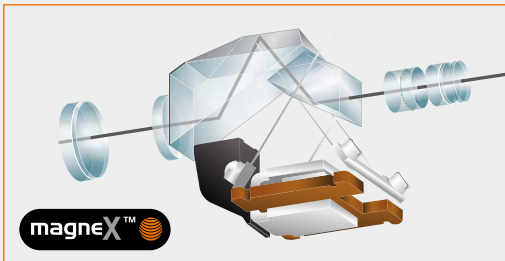
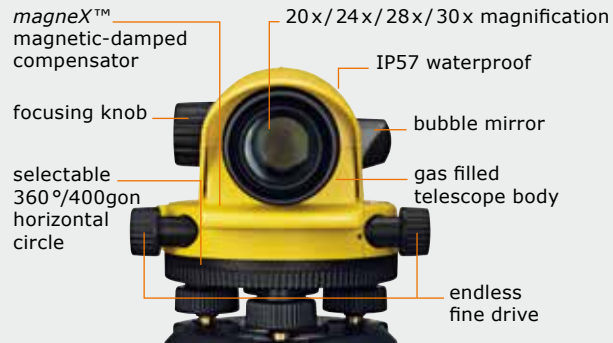
# ZAL300 Series

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
<b>Telescope</b>				
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			
<b>Compensator</b>	<i>magneX™</i> , automatic, magnetic-damped			
Damping system	<i>magneX™</i> , automatic, magnetic-damped			
Working range	± 15"			
Setting accuracy (standard deviation)	< 0.3"		< 0.5"	
<b>Levelling Accuracy</b>				
Standard deviation for 1km double-run levelling	1.2 mm	1.5 mm	2.0 mm	2.5 mm
<b>General</b>	360 degree/400 gon, selectable			
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			

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