ZAL300 Series

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

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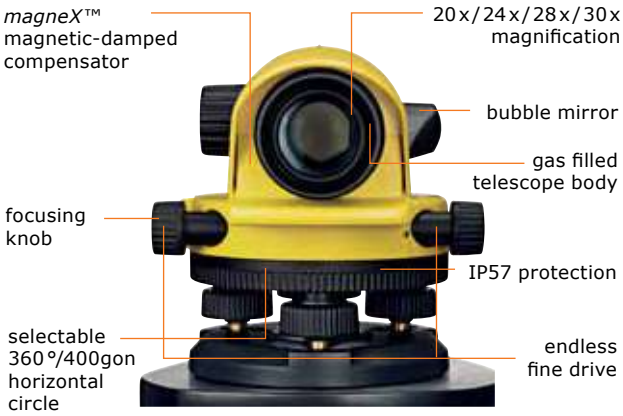
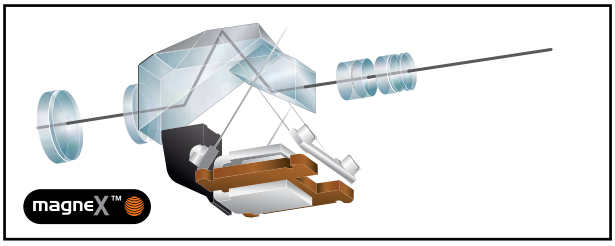
ZAL300 Series

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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