Works when you do

GeoMax Automatic Level

ZAL100 Series







ZAL100 Series

Suitable for outdoor as well as for indoor use the user friendly ZAL100 Auto Level Series from GeoMax is your guarantee to get the job done, accurate and on time.



Built to Last

With the ZAL100 Series GeoMax introduces an automatic level to the construction industry designed for your daily levelling tasks with outstanding price-to-performance ratio. Meeting the IP54 class specifications guarantees all weather operation of the ZAL100 Series and provides you with an instrument that "Works when you do!".

	ZAL132	ZAL128	ZAL124	ZAL120	
Telescope					
Objective aperture	36mm clear objective lens				
Magnification	32 x	28 x	24 x	20 x	
Image	Erect				
Field of view	< 2.1 m at 100 m				
Minimum focusing distance	< 1.0 m				
Reticle	Cross hairs, with stadia lines				
Stadia multiplication constant	100				
Stadia additive constant	0				
Compensator					
Damping system	Automatic, air-damped				
Working range	± 15'				
Setting accuracy (standard deviation)	< 0.5"				
	V 0.5				
Levelling Accuracy				105	
Standard deviation for 1km double-run levelling	2.0 mm			2.5 mm	
Horizontal Circle					
Diameter	106 mm				
Graduation / Intervals	360°/1°				
General	•				
Sensitivity of circular bubble	8' / 2mm				
Mirror for circular level	Plane mirror				
Horizontal fine motion screws	Double-sided endless drive				
Dust and Water resistance	Conforms to IP54 (IEC60529)				
Base / Base screw	Concave and flat / 5/8"				
Weight	1.5 kg				
Operating temperature range		-20° C to +40° C			



Your one-stop-shop

Reliable work demands reliable accessories. We recommend the various fully tested original tripods and staff from our GeoMax accessories selection to reach the highest reliability for all your tasks.





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