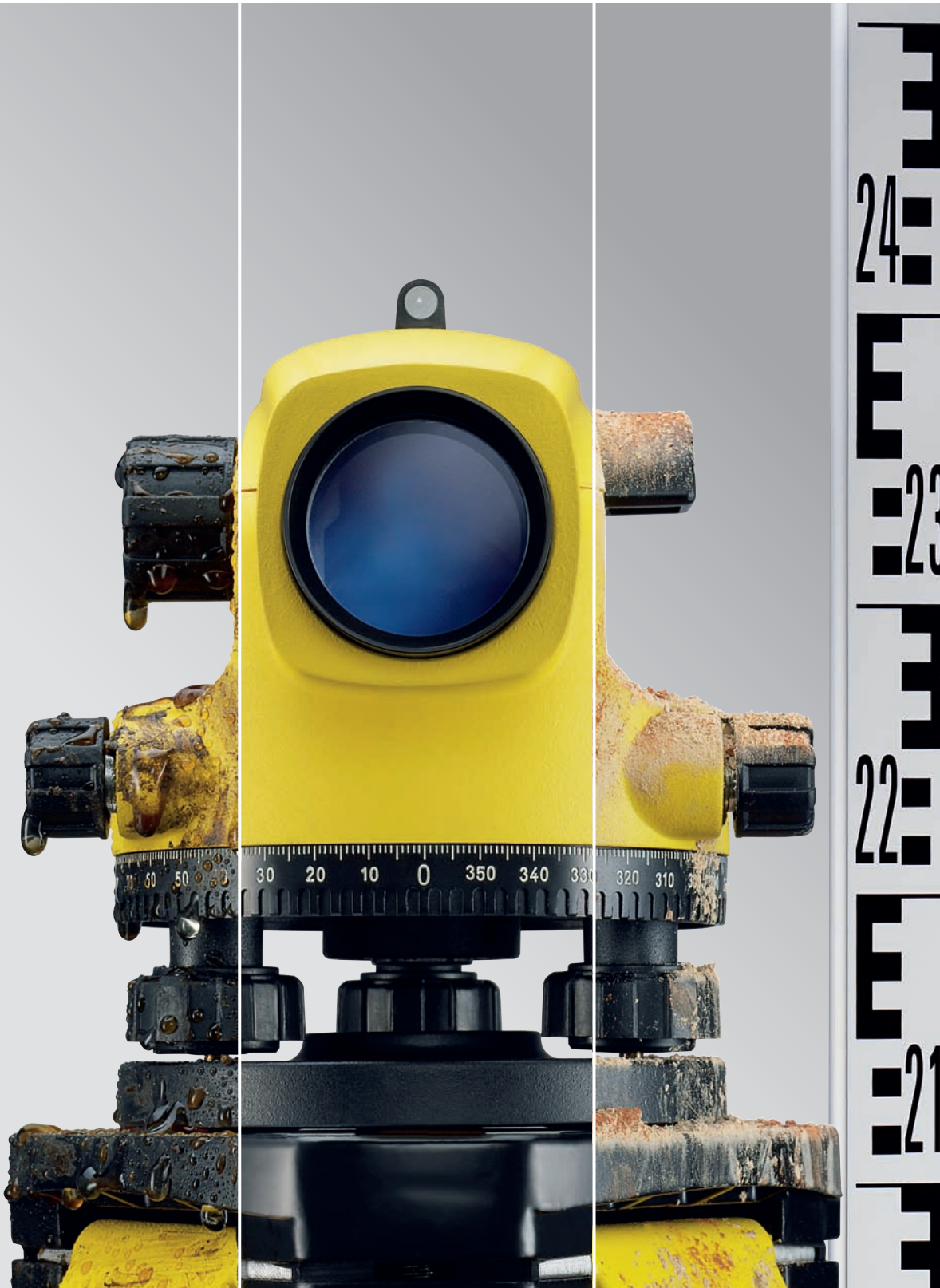


GeoMax Automatic Level ZAL100 Series

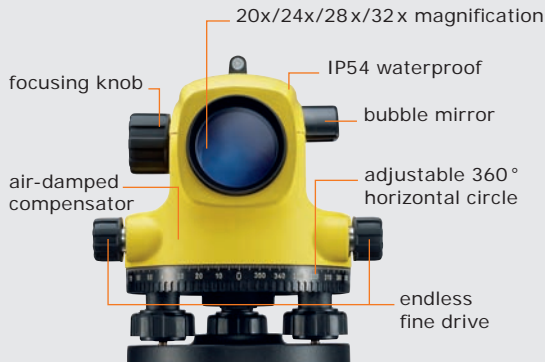


GE  **MAX**
Part of Hexagon Group

Works when you do

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!".

Telescope

	ZAL132	ZAL128	ZAL124	ZAL120
Objective aperture	36 mm clear objective lens			
Magnification	32x	28x	24x	20x
Image	Erect			
Field of view	< 2.1 m at 100m			
Minimum focusing distance	< 1.0m			
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"

Levelling Accuracy

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

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	1.5kg
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.



Copyright GeoMax AG. Illustrations, descriptions and technical specifications are not binding and may change.
Printed in Switzerland / 8.2008 / 768505en