



Automatic Level **AL-24/AL-32**



AUTOMATIC LEVEL

Specifications	AL-24	AL-32
Telescope		
Length	210 mm	210 mm
Objective aperture	30 mm	40 mm
Magnification	24 X	32 X
Image	Erect	Erect
Resolving power	4"	3"
Field of view (at 100 m)	1° 30'	1° 30'
Minimum focus	0.5 m	0.5 m
Stadia ratio	100	100
Stadia constant	0	0
Compensator , Automatic Level Mechanism		
Damping system	Magnetic Damping	Magnetic Damping
Working range	± 15'	± 15'
Setting Accuracy	± 0.5"	± 0.3"
Level Sensitivity		
Circular Level (/ 2mm)	8/2 mm	8/2 mm
Accuracy Standard Deviation 1 km Double Run Leveling	± 2.0 mm	± 1.0 mm
Horizontal Circle	360° / 1°	360° / 1°
Diameter Circle	110 mm	110 mm
Central Thread	5/8" X11	5/8" X11
Water Resistance		
<p>The instrument has a completely water resistance of telescope , and is therefore , ideal for all kinds of wet-surveying operations in light rain or in tunnels. Only test approved telescopes are used and , furthermore , dry nitrogen gas is sealed in telescope tube which effectively prevents lens clouding and moisture condensation.</p>		

* Designs and specifications herein are subject to change without notice.

Important : In order to obtain the best results with this instrument please be sure to review all user instructions prior to operation.