



ESL2

Auto Level

ESL2 is used in geodetic control, construction of roads and industrial applications. The ESL2 with ESM1 can supply higher accuracy and be used in monitoring structural deformation etc. The use of automatic compensator speeds up work and improves accuracy. ESL2 supply the possibility to operate in the temperature from -30°C to $+50^{\circ}\text{C}$.

- Equipped with a press button for compensator checking
- Dismountable eyepiece and assorted accessories such as Diagonal Eyepieces
- Adopt crossing suspender frame and compensator of air damper

Product Specification

Accuracy		Setting Accuracy	≤ ±0.3"
1Km Error	≤ ±1 mm	Setting Time	≤ 2 s
With ESM1	≤ ±0.5 mm	Sensitivity of Circular Level Per 2mm Run	8' /2 mm
Telescope		Physical Specification	
Image	Erect	Dimension	130 x 215 x 140 mm
Magnification	32x	Weight	2.5 Kg
Field Angle	1°20'	Operating Temperature	-30°C ~ +50°C
Minimum Focus	1.6 m	Parallel Plate Micrometer ESM1 (Optional accessory)	
Field of View at 100m	2.3 m	Range	10 mm
Object Aperture	45 mm	Interval	0.1 mm
Multiplication Factor	100	Estimation	0.01 mm
Additive Constant	0	Weight	1.25 Kg
Compensator			
Compensator Type	Pneumatic		
Compensator Range	±14'		

Note: ESM1 is optional and can be mounted on ESL2 to provide higher accuracy.

