



### Product Introduction:-

1. Excellent shockproof function with patent
2. Total sealed structure for use in any weather
3. Exclusive closed magnetic field, magnetically-damped compensator
4. Reflector-type circular vial observation

South's most economical Automatic Builders Level is designed specifically for general construction applications. The South NL 30 has a 28x magnification and is the ideal instrument for all your daily leveling tasks such as Building and Civil Engineering, Profiling, Landscaping, and Area Leveling.

Automatic optical levels are also known as site levels or dumpy levels.

## Specification

Model	NL20	NL22	NL24	NL26	NL28	NL30	NL32
<b>Telescope</b>							
Magnification	20x	22x	24x	26x	28x	30x	32x
Objective Aperture	34mm	34mm	36mm	36mm	36mm	38mm	38mm
Resolving Power	$\leq 4''$	$\leq 4''$	$\leq 4''$	$\leq 3.5''$	$\leq 3.5''$	$\leq 3.5''$	$\leq 3''$
Image	Erect						
Reticle	Cross reticle						
Field of View	$1^{\circ}20'(2.3m)$						
Minimum Focus Distance	0.3m						
View Distance Error	$\leq \pm 0.4$						
Focusing Error	$\leq 0.5$						
Stadia Ratio	100						
Stadia Addition	0						
<b>Accuracy</b>							
Standard deviation for 1km double run leveling	2.5mm	2.0mm	2.0mm	1.5mm	1.5mm	1.5mm	1.0mm
Automatic Compensator							
Compensator range	$\pm 15'$						
Type	Magnetic						
Compensating error	$\leq 0.3$						
Compensator setting accuracy	$\leq 0.6''$						
<b>Circular Vial</b>							
Sensitivity of bubble	$8/2mm$						
<b>Horizontal Circle</b>							
Minimum division	$1^{\circ}(1gon)$						
Reading system	$360^{\circ}(400gon)$						
Water resistance	IPX6						
Operating temperature	$-20^{\circ} \sim +50^{\circ}C$						
Weight	2.7kgs						
Package	Plastic case, small carton, four small cartons packed in a big carton. Small carton size:20x20x29. Big carton size: 22x42x59.						

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