



2LS
TOOLS
Align with the stars™

About 2LS™



- Unique bar-code tape
- Speedy
- Compact
- Rugged design

High Accuracy
±2mm

Rugged body
IP55

Working Range
0.9m-30m

Distance
Measurement

Light Weight
1.3kg

Long Time Operation
120h

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2LS marks a new market concept in the laser tools business. 2LS incorporates products, sales and marketing material into a self-explaining platform. Products that are high quality positioning tools that bridge the gap between “do-it-yourself” laser gadgets and industrial quality laser and surveying instruments used on large construction and civil engineering projects. And material around the products that ensure minimum time effort in understanding the possibilities, applications and unique selling points via various modern marketing methods.

**TOPOGRAFÍA
TOLUCA**
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Specifications subject to change without notice
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**Just one push for
digital display**



24x

20x

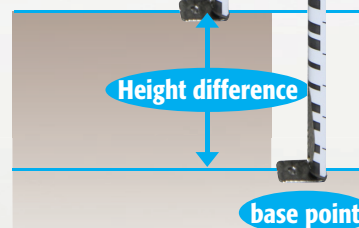
AUTO LEVEL
ORION+

Auto Level + Digital display

Anybody can see the height and distance automatically.
In addition, anybody can get the height difference without your calculation.
We provide the convenient construction tool.



Height difference is measured
with "point-and-shoot" function



With ORION+



Conventional Leveling



AUTO LEVEL
ORION+

ORION+ Specifications

MODEL NAME	AT-124D	AT-100D
TELESCOPE		
Magnification	24X	20X
COMPENSATOR		
Working range	±12'	
HEIGHT MEASUREMENT		
Accuracy		
Electronic reading	±2.0mm at 30m	
Optical reading	±2.0mm at 30m	
Measuring range		
Tape staff BCX	0.9 to 30m (2.9 to 98ft)	
Aluminum staff BAS	2.0 to 50m (6.5 to 164ft)	
Measuring time	<2sec	
Least count	0.001m, 0.01ft	
DISTANCE MEASUREMENT		
Accuracy		
Aluminum staff BAS		
D≤10m	±10mm	
10m<D≤50m	±0.25% x D	
Least count	0.01m, 0.1ft	
USER INTERFACE		
Display	7 segment and character LCD with backlight	
Keyboard	6 keys (5 on front panel, 1 on side)	
Circular level sensitivity	8'/2mm	
MEASUREMENT PROGRAM		
	Single/Continuous/Elevation/Height difference	
ENVIRONMENTAL		
Water and dust resistance	IP55 Category2	
Operating temperature	-20°C to +50°C	
OTHERS		
Power supply	AA dry cells x 2	
Operating time	120hours (at +20°C, every 5 sec measurement) 50,000points	
Weight	1.3kg (include batteries)	
Size	206 x 123 x 137mm	



ORION+ Packages

- ORION+ instrument
- Bar-code tape
- Rain cover
- Cleaning cloth
- Hexagonal wrench
- Operation manual
- Carrying case