



**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



# 2LS

TOOLS

## Align with the stars™

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.

## Just one push for digital display



24x 20x



AUTO LEVEL  
**ORION+**

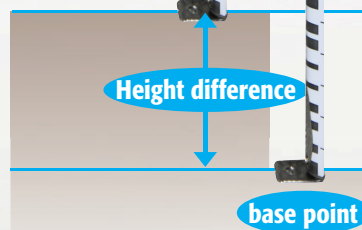
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# Auto Level + Digital display

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
<b>TELESCOPE</b>		
Magnification	24X	20X
<b>COMPENSATOR</b>		
Working range	±12'	
<b>HEIGHT MEASUREMENT</b>		
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	
<b>DISTANCE MEASUREMENT</b>		
Accuracy		
Aluminum staff BAS		
D≤10m	±10mm	
10m<D≤50m	±0.25% x D	
Least count	0.01m, 0.1ft	
<b>USER INTERFACE</b>		
Display	7 segment and character LCD with backlight	
Keyboard	6 keys (5 on front panel, 1 on side)	
Circular level sensitivity	8'/2mm	
<b>MEASUREMENT PROGRAM</b>		
	Single/Continuous/Elevation/Height difference	
<b>ENVIRONMENTAL</b>		
Water and dust resistance	IP55 Category2	
Operating temperature	-20°C to +50°C	
<b>OTHERS</b>		
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 125 x 137mm	



## ORION+ Packages

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