

Automatic Level



DS32-1



RL-32A



RL-32B



KL-A32



KL32



DSZ3



DSZ2

Model No.	DS32-1	RL-32A	RL-32B	KL-A32	KL32	DSZ3	DSZ2
Standard Deviation for 1km Double-run Leveling	1.0mm	1.5mm	1.0mm	1.0mm	1.0mm	1.5mm	1.0mm
Telescope Magnification	32X	32X	32X	32X	32X	32X	40X
Telescope Image	Erect						
Shortest Sighting Distance	0.4m	1.0m	0.6m	0.4m	0.4m	0.5m	0.5m
Effective Aperture Size of Object Lens	40mm	38mm	48mm	40mm	36mm	40mm	45mm
Field of View	1°20'						
Leveling Accuracy	±0.3"						
Compensator Type	Air-Damping	Air-Damping	Air-Damping	Air-Damping	Air-Damping	Magnetic-Damping	Magnetic-Damping
Compensator Working Range	±15'						
Stadia Multiplication	100						
Addition Constants	0						
Bubble	8' / 2mm						
Horizontal Circle	360° or 400 gon						
Water and Dust Proof	IP54	IP54	IP54	IP54	IP54	IP67	IP67
Standard Accessory	Manual, Adjusting Pin, Plastic Case						

Automatic Level



DS32-3



AL32-1



AL32-3



SAL32ND



GOL32D



TR-32X



DSZ-38X

Model No.	DS32-3	AL32-1	AL32-3	SAL32ND	GOL32D	TR-32X	DSZ-38X
Standard Deviation for 1km Double-run Leveling	1.0mm	1.5mm	1.5mm	1.0mm	1.0mm	1.0mm	1.0mm
Telescope Magnification	32X	32X	32X	32X	32X	32X	38X
Telescope Image	Erect						
Shortest Sighting Distance	0.4m	0.5m	0.5m	0.3m	0.3m	0.4m	0.5m
Effective Aperture Size of Object Lens	40mm	30mm	40mm	40mm	36mm	40mm	45mm
Field of View	1°20'						
Leveling Accuracy	±0.3"	±0.4"	±0.3"	±0.3"	±0.3"	±0.3"	±0.3"
Compensator Type	Air-Damping	Magnetic-Damping	Magnetic-Damping	Magnetic-Damping	Magnetic-Damping	Air-Damping	Magnetic-Damping
Compensator Working Range	±15'						
Stadia Multiplication	100						
Addition Constants	0						
Bubble	8' / 2mm						
Horizontal Circle	360° or 400 gon						
Water and Dust Proof	IP54						
Standard Accessory	Manual, Adjusting Pin, Plastic Case						

Automatic Level



Model No.	AL332	AL332L	AL332A	AL332LA	AL401G
	Optical Level	Laser Level	Auto-Leveling Level	Laser+Auto-leveling	Laser Level
Compensator type	Magnetic Damping				
Standard Deviation per 1KM Double-Run	1.5mm	1.5mm	1.5mm	1.5mm	0.7mm
Magnification	32x	32x	32x	32x	40x
Image	Erect				
Clear Objective Aperture	30mm	30mm	30mm	30mm	46mm
Field of View	1°20'				
Shortest Focusing Distance	0.5m				
Multiplication / Additive Constant	100 / 0				
Compensator Working Range	±15'				
Setting Accuracy	±0.4"	±0.4"	±0.4"	±0.4"	±0.3"
Accuracy of Circular Level	8'/2mm				
Horizontal Circle	360° or 400gon optional				
Auto-Leveling Accuracy	/	/	≤0.5mm	≤0.5mm	≤0.5mm
Power	/	3x AAA	500mAh Li-ion	3x AAA+500mAh Li-ion	4x AA
Laser Beam Coaxiality Error	/	≤5"	/	≤5"	≤5"
Laser Pointer Range	/	200m	/	200m	200m
Laser Power	/	5mw	/	5mw	1-10mw Adjustable
Net Weight	1.4kg	1.4kg	1.6kg	1.6kg	2.0kg
Water and Dust Proof	IP54	IP54	IP54	IP54	IPX6
Standard Accessory	360° or 400gon optional				

Automatic Level



NA24



NA32



NA332



NA700



NA532



AL18-32

Model No.	NA24	NA32	NA332	NA700	NA532	AL18-32
Standard Deviation for 1km Double-run Leveling	2.0mm	1.0mm	1.0mm	1.0mm	1.0mm	1.0mm
Telescope Magnification	24X	32X	32X	32X	32X	32X
Telescope Image	Erect					
Shortest Sighting Distance	0.4m	0.4m	0.4m	0.4m	0.4m	1.0m
Effective Aperture Size of Object Lens	40mm	40mm	40mm	40mm	40mm	38mm
Field of View	1°20'					
Leveling Accuracy	±0.5"	±0.3"	±0.3"	±0.3"	±0.3"	±0.5"
Compensator Type	Air-Damping					
Compensator Working Range	±15'					
Stadia Multiplication	100					
Addition Constants	0					
Bubble	8' / 2mm					
Horizontal Circle	360° or 400 gon optional					
Water and Dust Proof	IP54					
Standard Accessory	Manual, Allen Key, Adjusting Pin, Plastic Case					

Automatic Level



DSZ32-RD



DSZ32-BU



ML-A124



ML-A132



G2-YE



G2-BU

Model No.	DSZ32-RD	DSZ32-BU	ML-A124	ML-A132	G2-YE	G2-BU
Standard Deviation for 1km Double-run Leveling	2.0mm	2.0mm	2.0mm	1.0mm	1.0mm	1.0mm
Telescope Magnification	32X	32X	24X	32X	32X	32X
Telescope Image	Erect					
Shortest Sighting Distance	0.3m	0.3m	0.3m	0.3m	0.3m	0.3m
Effective Aperture Size of Object Lens	42mm	42mm	38mm	38mm	42mm	42mm
Angle of View	1°20'					
View Distance Error	±0.4%					
Focusing Error	±1.0mm	±1.0mm	±1.0mm	±1.0mm	±0.5mm	±0.5mm
Leveling Accuracy	±0.5"	±0.5"	±0.5"	±0.4"	±0.4"	±0.4"
Compensator Type	Magnetic-Damping					
Compensator Working Range	±15'					
Compensating Error	±0.5"	±0.5"	±0.5"	±0.5"	±0.3"	±0.3"
Resolution	3.5"					
Reticle	Cross Reticle	Cross Reticle	Cross Reticle	Wedge	Wedge	Wedge
Setting Time	≤ 2S					
Bubble	10' / 2mm					
Horizontal Circle	360° or 400 gon optional					
Water and Dust Proof	IP54	IP54	IPX6	IPX6	IPX6	IPX6
Standard Accessory	Manual, Allen Key, Adjusting Pin, Plastic Case					

Automatic Level



ATB2



ATB3



ATB3A



ATB4



ATB4A



B20



B30



B30A



B40



B40A

Model No.	ATB2/B20	ATB3/B30	ATB3A/B30A	ATB4/B40	ATB4A/B40A
Standard Deviation for 1km Double-run Leveling	0.7mm	1.5mm	1.5mm	2.0mm	2.0mm
Telescope Magnification	32X	28X	28X	24X	24X
Telescope Image	Erect				
Shortest Sighting Distance	0.3m				
Effective Aperture Size of Object Lens	42mm	36mm	36mm	32mm	32mm
Angle of View	1°25'				
View Distance Error	±0.4%				
Focusing Error	±0.5mm	±1.0mm	±1.0mm	±1.0mm	±1.0mm
Leveling Accuracy	±0.3"	±0.5"	±0.5"	±0.5"	±0.5"
Compensator Type	Magnetic-Damping				
Compensator Working Range	±15'				
Compensating Error	±0.3"	±0.5"	±0.5"	±0.5"	±0.5"
Resolution	3.0"	3.5"	3.5"	4.0"	4.0"
Reticle	Wedge	Cross reticle	Cross reticle	Cross reticle	Cross reticle
Setting Time	≤ 2S				
Bubble	8' / 2mm	10' / 2mm	10' / 2mm	10' / 2mm	10' / 2mm
Horizontal Circle	360° or 400 gon optional				
Water and Dust Proof	IPX6				
Standard Accessory	Manual, Allen Key, Adjusting Pin, Plastic Case				

Automatic Level



DSZ3-40X/46X



DSZ1-38X



DSZ1-38A



DSZ1-40X



DSZ1-48X/55X/65X

Model No.	DSZ3-40X/46X	DSZ1-38X	DSZ1-38A	DSZ1-40X	DSZ1-48X/55X/65X
Standard Deviation for 1km Double-run Leveling	1.0mm	0.7mm	0.7mm	0.7mm	0.7mm
	/	/	0.5mm(FS1)	0.5mm(FS1)	/
Telescope Magnification	40X/46X	38X	38X	40X	48X/55X/60X
Telescope Image	Erect				
Shortest Sighting Distance	0.5m	0.3m	0.3m	0.3m	0.3m
Effective Aperture Size of Object Lens	44mm	46mm	46mm	46mm	56mm
Angle of View	1°20'				
View Distance Error	±0.4%				
Focusing Error	±0.5mm				
Leveling Accuracy	±0.3"	±0.2"	±0.2"	±0.2"	±0.2"
Compensator Type	Magnetic-Damping				
Compensator Working Range	±15'				
Compensating Error	±0.4"	±0.2"	±0.2"	±0.2"	±0.2"
Resolution	3.0"	3.0"	3.0"	3.0"	2.5"
Reticle	Wedge				
Setting Time	≤ 2S				
Bubble	8' / 2mm				
Horizontal Circle	360° or 400 gon optional				
Water and Dust Proof	IPX6	IP54	IPX6	IPX6	IPX6
Standard Accessory	Manual, Allen Key, Adjusting Pin, Plastic Case				

Automatic Level

AL32LB Automatic Laser Level



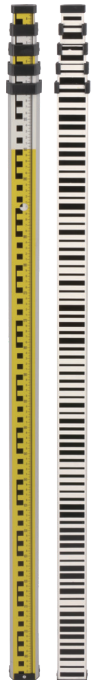
Key Features:

- Collimation is More Efficient and Engineering Measurement is Convenient with Same Axis between Optical and Laser
- Hung String in Magnetic Compensator is Cross, Elastic with Trapezoid
- A Tangent Mechanism has been Employed, Utilizing Friction to Provide Braking Capabilities. Furthermore, An Infinite Tangent Structure is Integrated
- Tangent Knobs Positioned on Both Sides of the Instrument for Ease of Use and Precise Adjustments

Model No.	AL32LB
Magnification	32X
Level Accuracy	±0.3"
1km Double Run Leveling	1.0mm
Compensator Type	Magnetic-damping
Compensator Range	±15'
Image	Erect
Objective Aperture	40mm
Field of View	1° 20'
Mini Focusing Distance	0.5m
Multiplying/ Additive Constant	100/ 0
Reticle	Wedge
Sensitivity of Circular Vial	8'/ 2mm
Graduation	360°or 400gon
Laser	Wave Length of Laser 635nm
	Effective Rang 200m
	Size of Dot: Less than 5mm/ 100m
Power	Li-ion Battery 3.7V 2200mAh
Working Time	>20Hours
Working Temperature	-25°C ~+45°C
Connecting Size	M16 or 5/8"
Net Weight	1.8kg

Model No.		DAL32
Telescope	Magnification	32X
	Image	Erect
	Resolving Power	3"
	Field of View	1°20'
Standard Deviation on 1 km of Double Leveling	Electronic Measurement	±0.7mm/km (Invar Bar Code Staff)
	Visual Measurement	±1.5mm/km (Invar Staff)
Accuracy of Distance Measurement	D ≤ 10m	<±10mm
	10m<D ≤ 50m	<±0.1%D
	D > 50m	<±0.2%D
Minimum Displayed Value	Elevation	0.1mm
	Distance	1mm/ 1cm
Measuring	Measuring Range	2m~100m
	Measuring Time	<3"
	Measuring Unit	m/ feet
Graduation	of Horizontal Circle	360°
Compensator	Type	Magnetic Damping and Pendulum Mechanism
	Compensation Range	±15'
	Compensation Accuracy	0.3"/min
	Setting Accuracy	±0.4"
Data Storage	Internal	1000 Records
	Interface	Micro-USB
Vial	Circular Vial	8'/2mm
	Rechargeable Li-ion Battery	2200mAh
Power Supply	Continuous Working Time	> 20 Hours
Weight	Net Weight	1.9Kg
Waterproof	Grade	IP55
Operating	Temperature	-20°C~+50°C

DAL32 Digital Level



Key Features:

- Efficiently Read Results and Minimize Visual Measurement Errors
- Self-compensating Design Enhances Work Efficiency
- Resolution at 0.1mm Ensures Accurate Measurements
- IP55 Certified, Providing Robust Protection Against Particles and Water
- 1000 Records and Micro USB Interface

Invar Barcode Staff

ANKEENS

