

KL-15 | KL-07

Rugged & Portable Digital Level



Simple, Fast and Accurate

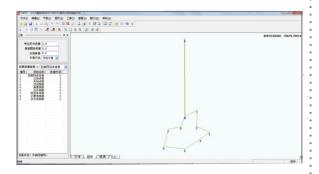
- •1.5mm precision for DL-15/ 0.7mm precision for DL-07
- •110m distance measurement
- Magnetic damping Compensator
- Onboard measurement and recording programs
- •20,000-point memory & SD card slot
- •Ideal for construction and general applications

User friendly & Practical

Automatic reading: Minimize human errors, no more misreading **Higher Accuracy:** Averaging mode for more accurate results

Rapidity: Shorten the measuring time by a half

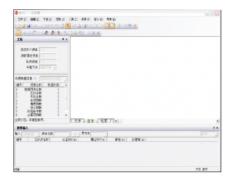
Auto Save: Internal memory storage or SD card memory optional, paperless working.



Powerful Post-processing Software

It contains adjustment routines for dynamic adjustment of horizontal & vertical control network and angle & direction adjustment.

Easily zoom in or out to see the overall data in graphic.



Seamless Transfer with Various Data Formats

StationNum	SD_Length	AccSightDistLength	SD_Diff	d	Т	HeightDiff								
1	35.2335	35.2335	0.1135	0.1135	Т					SulerExading				
2	54.682	89.9155	-0.262	-0.1485	T	StationNam	88,0H 90 DW	FILDM	Direction	FirstReading	SecondRead ing	FixedingOff	Culf Culf	Remark
3	48.915	138.8305	-0.937	-1.0855	Т	1	_		Frant Frant	1 50509	1,50992	-0.00003		At(Back) 3(Feet) GO BEER
4	35.088	173.9185	-0.458	-1.5435	T		17 6716	47.680		1.67105	1.47109 6.11403	-0.00004 0.00004	8 114035	
5	37.1895	211.1080	-0.6915	-2.2350	Ť		8.1135	8.1136	Front	11100	E 90901	-		
6	55.139	266.2470	0.731	-1,5040	Ť	2			Back	1.44537	1.46127	8.90818		3(Back) 3(Frost) GO FEEP
1	55.1430	55.1430	-0.7300	-0.7300	Ť		27.210	27.472	Front Back-	0.02374	1.40335	-0.00024 E.00034	-0.02391	
2	37.1975	92.3405	0.5835	-0.1465	Ť		4 362	-0.1496	Freet	4.00.4				
3	35.1025	127.4430	0.4855	0.3390	Ť				Eack	1 50006	1,00199	0.0006		3(Rack) AFton)
4	48.9055	176.3485	1.0975	1.4365	+	1	23.989	24.926	Back- Front	8 81348	6 81333	E 90907	8 813366	GOBFFB
5	54.6470	230.9955	0.2240	1.6605	Ť		4.907	-1.0856						
6	35.2170	266.2125	-0.3260	1.3345	+				Dack Front	1.51396	1.51401	-0.00005 E.00000		4(Back) SFront
					_	4	17.315	17,773	Back- Freet	8.17465	8.17458	-0.00005	0.174475	GO FEE
							4.464	-1.5436	-				1	

Precision Analysis & Report

The KL Data Download & Processor Software, makes the field work easier to display the complex leveling tasks.

Specifications

Item		KL-07	KL-15					
Height Accuracy (standard deviation for	Digital Reading	0.7mm	1.5mm					
1km double run leveling)	Optical Reading	2.0mm						
Distance Accuracy	Digital Reading	D≤10m:10mm;D>10m:D*0.001						
Distance Range	Digital Reading	2m~110m						
Minimum Display	HD	0.1mm/1mm						
Willimum Display	Distance	0.1/1cm						
Measuring Time		within 3s in no	rmal condition					
	Magnification	32X						
	Resolving Power	3"						
Telescope	Field of View	1°30'						
	Multiple Constant	100						
	Additive Constant	0						
	Туре	magnetic-damping						
Compensator	Range	>±12'						
	Accuracy	0.30"/1'	0.50"/1'					
	Storage	16MB, 20,000 points						
Data Storage	Point Name	increasing/decreasing/customized						
	Connection	USB						
	External Storage	SD Card						
Circular vial Accuracy		8'/2mm						
Display		160*64dpi LCD with illumination 128*32dpi LCD with illumination						
Working Temperature		-20°C~50°C						
Dimension		230mmX150mmX210mm						
Weight		2.5kg						
IP Standard		IP55						

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