

DL SERIES Digital Level



Features

- Advanced Accuracy
- Trigger Key Function
- 3.0 Inch Colorful Touch Screen for DL-2003A
- Magnetical-damped Compensator
- Multiple Data Transform
- Bluetooth Remote Control for DL-2003A





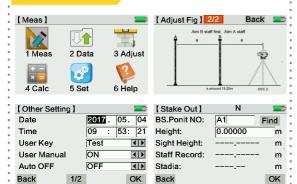


DL-2003A

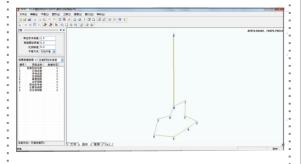
DL-2007

DL-202

Softwore



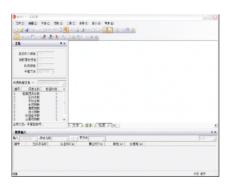
Intelligent On-board System for DL-2003A



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

							tDiff	Heigh	d	SD_Diff	AccSightDistLength	SD_Length	StationNum
	Australia		bading	Rules					0.1135	0.1135	35.2335	35.2335	1
Remark	Off	ReadingDiff	SecondFinal ing	FirstNeading	Direction	FE_Del	85,044 30.08	StationNum	-0.1485	-0.262	89.9155	54.682	2
At(Back)	İ	-6:00000	1.58502	1.58589	Back				-1.0855	-0.937	138.8305	48.915	3
2(Fruit) GO BFFB	0.114836	0.00091	0.11400	1.47105	Back- Freet	17.568	17 6735	١, ١	-1.5435	-0.458	173.9185	35.088	4
		0.000	0.1140	1.1100	Freet	0.1106	0.1136		-2.2350	-0.6915	211.1080	37.1895	5
2(fa/s)		0.00010	1.44527	1.64527	Back				-1.5040	0.731	266.2470	55.139	6
3(Front) 00 FBBF	-0.82291	-0.0002N 0.0003A	1.40935	0.02274	Dack- East	27,472	27.210	2	-0.7300	-0.7300	55.1430	55.1430	1
	1				Hat	-0.1485	4.292	1	-0.1465	0.5835	92.3405	37.1975	2
3(Dack) 4(Front)		0.00006	1.50199	1.53205	Dack				0.3390	0.4855	127.4430	35,1025	3
GOSFFB	0.013366	0.00007	0.01333	E 01340	Back- Frest	24.926	23.999	3	1.4365	1.0975	176.3485	48.9055	4
						-1.0055	4907		1,6605	0.2240	230.9955	54.6470	5
4(Seck) (direct)		-0.00005 0.00000	1,51401	1.51396	Back Front			1	1.3345	-0.3260	266.2125	35.2170	6
GO FEET	0.176475	-0.00006	0.17450	0.17445	Back- Foot	12,773	17.315	4					

Precision Analysis & Report

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

Specifications

Item		DL-2003A	DL-2007	DL-202	
Height Accuracy (standard deviation for	Digital Reading	0.3mm	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		1.8m~110m		
Minimum Display	HD	0.01mm/0.1mm/1mm	1mm/0.1mm	0.1mm/1mm	
Willimani Display	Distance	0.1/1cm			
Measuring Time		within:	s in normal condition		
	Magnification	32X			
	Resolving Power	3"			
Telescope	Field of View	1°30'			
	Multiple Constant	100			
	Additive Constant	0			
	Туре	magnetic-damped			
Compensator	Range	>±12'			
	Accuracy	0.20"/1'	0.30"/1'	0.50"/1'	
	Storage	128MB	16MB		
Data Storage (for only DL-201,	Point Name	increasing	ncreasing/decreasing/customized		
DL-2007)	Connection	RS232/Bluetooth	U:	SB	
	External Storage	U disk	SD Card		
Circular vial Accuracy		8'/2mm			
Display		3.0 inch LCD Colorful Touch Screen	160*64dpi LCD with illumination	128*32dpi LCD with illumination	
Working Temperature		-20°C~50°C			
Dimension		230mmX225mmX203mm	230mmX150mmX210mm		
Weight		3.1kg	2.5kg		
IP Standard		IP65	IP54		

Invar Staff NSI-20M Specification

1	Circle Bubble	≤12'/2mm	
2	Surface curvature distincition	≤4mm	
3	Vertical of central axis and und	≤5'	
4	Tolerance of zero point	≤0.05mm	
5	Basic barcode graduation tolerance	Deviation	≤0.02mm
		Standard deviation	≤0.013mm
6	Interval tolerance	≤0.04mm	



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