

SL SERIES Digital Level



Features

- Advanced Accuracy
- Trigger Key Function
- 3.0 Inch Colorful Touch Screen for SL-03
- Magnetical-damped Compensator
- Multiple Data Transform
- Bluetooth Remote Control for SL-03







SL-03

SL-07

SL-15

Auto OFF

Back

[Meas]		-	[Adjust Fig]	2/2 Ba	ick 📰
1 Meas	2 Data	3 Adjust	Aim B sta A	aff first. Aim A staff B a	- -
¥= 4 Calc	5 Set	6 Help		arround 15-20m	OCC 2
[Other Settir	ng]	-	[Stake Out]	N	-
Date	2017	. 05. 04	BS.Ponit NO:	A1	Find
Time	09	: 53: 21	Height:	0.00000	m
User Key	Test	A 1	Sight Height:		– m
User Manua	I ON	< >	Staff Record:		– m

Intelligent On-board System for SL-03

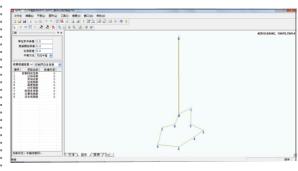
Stadia:

Back

OK

OFF

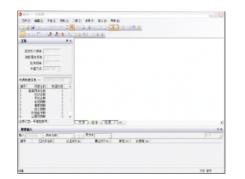
1/2



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	Heij	htDiff							
1	35.2335	35.2335	0.1135	0.1135			_		Raines	bading		4-10-14	
2	54.682	89.9155	-0.262	-0.1485	StationNa	88_0H	FIL.DM	Desction	Direction FirstRaiding	SecondRead ing	FaalingOf Of	Off	Remark
3	48.915	138.8305	-0.937	-1.0855		-		Back	1 50509	1,50992	-8.00003		A1(Back
4	35.088	173.9185	-0.458	-1.5435	1 ,	17.6736	17.560	Frank Back-	1.47105	1.47109	-8 30904	8 114035	3(Fixed) GO REER
5	37,1895	211.1080	-0.6915	-2.2350	-1	0.1735	8.1136	Fort	11100	6 11803	1 30801		
6	55.139	266.2470	0.731	-1.5040	+			Beck	1.44537	1.44527	0.00010		3(Back)
1	55.1430	55.1430	-0.7300	-0.7300		27 232	27.472	First Deck-	1.4011	1.40305	-0.00024	-0.02791	3/Front, GIO FEEE
2	37,1975	92.3405	0.5835	-0.1465	+	-4.262	-0.1495	Fred					
3	35.1025	127.4430	0.4855	0.3390				Eack Exect	1.80205	1,62198	1 00006		3(Back)
4	48.9055	176.3485	1.0975	1.4365		23.989	24.926	Each-	1000	6 81333	E 00007	8 813366	GO BFFE
5	54.6470	230.9955	0.2240	1.6605		-4.937	-1.0855						
6	35.2170	266.2125	-0.3260	1.3345	+			Dack Front	1.51296	1.51401	-8 00005		4(Back) STront
-					-	17.315	17.773	Dech-	8 17445	8.17458	-0.00005	0.17475	GO FEE
						-1.451	-1.5425			-		1	

Precision Analysis & Report

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

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OK

Item		SL-03	SL-07	SL-15		
Height Accuracy (standard deviation for	Digital Reading	0.3mm 0.7mm		1.5mm		
1km double run leveling)	Optical Reading					
Distance Accuracy	Digital Reading	D≤10m:10mm;D>10m:D*0.001				
Distance Range	Digital Reading	2m~110m				
Minimum Display	HD	0.01mm/0.1mm/1mm	1mm/0.1mm	0.1mm/1mm		
Minimum Display	Distance	0.1/1cm				
Measuring Time		within 3s 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	Point Name	increasing/decreasing/customized				
(for only DL-201, DL-2007)	Connection	RS232/Bluetooth	U	SB		
	External Storage	U disk	SD C	ard		
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	Deviation	≤0.02mm	
	tolerance	Standard deviation	≤0.013mm	
6	Interval tolerance	≤0.04mm		

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10 ING DINT MATTERS