

# **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



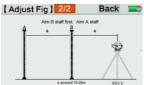




SL-03 SL-07 SL-15

#### Softwore

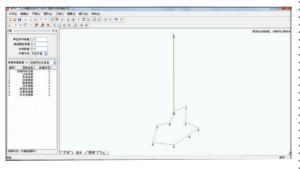




Other Setting	9 ]				
Date		2017		05.	04
Time		09	:	53:	21
User Key		Test			11
User Manual		ON			1
Auto OFF		OFF			1
Back	1/2			(	OK

[ Stake Out ]	N	
BS.Ponit NO:	A1	Find
Height:	0.00000	m
Sight Height:	·	m
Staff Record:		m
Stadia:		m
Back		OK

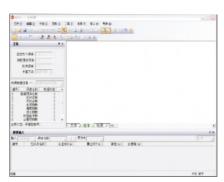
#### **Intelligent On-board System for SL-03**



#### **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	He	ightDi	f							
1	35.2335	35.2335	0.1135	0.1135		T				Rules	Deading	10000		Teamin
2	54.682	89.9155	-0.262	-0.1485	Station		Del NO	FILDER	Direction	Festivates	SecondRead ing	RestrigOff **	Augracyki	Herark
3	48.915	138.8305	-0.937	-1.0855	Tim				Back	1,60009	1 50932	4.00003		AtjBack
4	35.088	173.9185	-0.458	-1.5435	71	_			Frant	1.67106	1,47199	0.00004	10000	35 keet)
					- 1	127	6736	17 560	Back- Front	8.11806	E 11902	8 90901	8 114036	GO BFFE
5	37.1895	211.1080	-0.6915	-2.2350		1	1735	8.1135						
6	55 139	266.2470	0.731	-1.5040	$\neg$				Deck	1.69537	1.49527	8.90816		3(Back)
									Frest	140011	1.40326	-0.00024		3/Frost
1	55.1430	55.1430	-0.7300	-0.7300	2	21	210	27.472	Back- Free!	-0.02354	0.00408	E 00034	-0.32391	GO FEED
2	37,1975	92.3405	0.5835	-0.1465		-4	262	-0.1496						
3	35 1025	127.4430	0.4855	0.3390	-11				Such	1 90006	1,92198	00000	1 1	Mark
					+1 ,	_		_	fore	1.00066	1.00004	-0.00001		A(Facet)
4	48.9055	176.3485	1.0975	1.4365	1 3	23	303	24.526	Back- Front	8.01088	8.01333	6 00007	8 813366	GO BFFE
5	54.6470	230 9955	0.2240	1.6605	┑	- 4	307	-1.0855						
	*****	******			+				Dack	1,51296	1.11401	-0 00005		4)Sack)
6	35.2170	266.2125	-0.3260	1.3345					Post	1.33851	1.33851	8 00000		S/Front)
					4	12	315	17.773	Back. Freed	8.17483	1.17458	-0.00005	8,15475	COFEE
						- 4	458	-1.5436					1 1	

#### **Precision Analysis & Report**

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

#### Specifications

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	2.0mm					
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			
William Display	Distance	0.1/1cm					
Measuring Time		within:	3s in normal condi	tion			
	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/decreasing/customized					
DL-2007)	Connection	RS232/Bluetooth	32/Bluetooth USB				
	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 230mmX150mmX210n					
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	



### SANDING OPTIC-ELECTRICS INSTRUMENT CO., LTD.

Add: 7 floor, Geographic Information Industrial Park, #39, SiCheng Road, TianHe District, Guangzhou 510663, China. Tel: +86-20-22826691

E-mail: export@sandinginstrument.com