

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

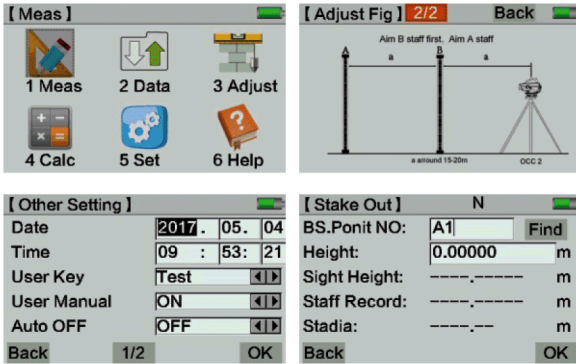


SL-07

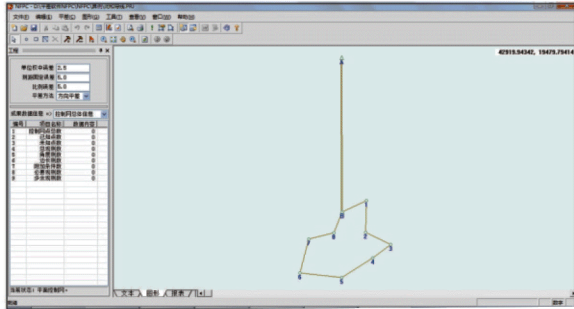


SL-15

Software



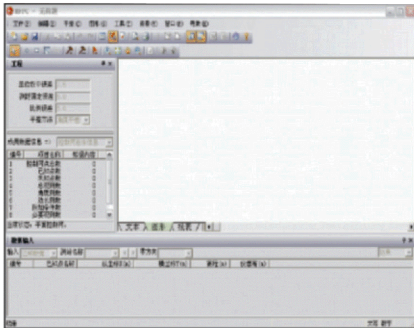
Intelligent On-board System for SL-03



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

Station Num	SD_Length	AccSightDist.Length	SD_Off	d	HeightDiff
1	35.2335	35.2335	0.1135	0.1135	
2	54.682	89.9155	-0.282	-0.1685	
3	48.915	139.8305	-0.937	-1.0605	
4	35.080	179.9165	-0.400	-1.5435	
5	37.1895	211.1060	-0.6915	-2.2350	
6	55.119	266.2470	-0.771	-3.0060	
1	55.1430	55.1430	-0.7300	-0.7300	
2	37.1975	92.3405	0.9835	-0.1465	
3	35.1025	127.4430	0.4855	0.3350	
4	48.9055	176.3485	1.0975	1.4365	
5	54.6470	230.9955	0.2240	1.6605	
6	35.2170	266.2125	-0.3060	1.3345	

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 1km double run leveling)	Digital Reading	0.3mm	0.7mm	1.5mm
	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
	Distance	0.1/1cm		
Measuring Time		2s in normal condition		
Telescope	Magnification	32X		
	Resolving Power	3"		
	Field of View	1°30'		
	Multiple Constant	100		
	Additive Constant	0		
Compensator	Type	magnetic-damped		
	Range	>±15'	>±12'	
	Accuracy	0.20"/1'	0.30"/1'	0.50"/1'
Data Storage	Storage	128MB/100,000 pt	32MB/30,000 pt	
	Point Name	increasing/decreasing/customized		
	Connection	RS232/Bluetooth	USB	
	External Storage	U disk	SD Card	
Circular vial Accuracy		10'/2mm	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	IP55	
Battery life		up to 20 h	up to 14 h	
Software on-board for processing		yes	yes	no
Language support		English/ Spanish/ Portuguese/Korean/ Russian/ Turkish		

Invar Staff NSI-20M Specification

1	Circle Bubble		≤12'/2mm
2	Surface curvature distinction		≤4mm
3	Vertical of central axis and underside		≤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

Dealer Info

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EVERY POINT MATTERS

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