



# **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

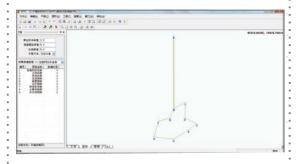




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#### Intelligent On-board System for DL-2003A



#### **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**

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#### **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 1.5		1.5mm		
1km double run leveling)	Optical Reading	2.0mm				
Distance Accuracy	Digital Reading	D≤10m:	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/				
Willimani 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	Point Name	increasing/decreasing/customized				
(for only DL-201, DL-2007)	Connection	RS232/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	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	5 Basic barcode graduation	Deviation	≤0.02mm
	tolerance	Standard deviation	≤0.013mm
6	Interval tolerance	≤0.04mm	



# SOUTH SURVEYING & MAPPING TECHNOLOGY CO.,LTD.

Add: South Geo-information Industrial Park, No. 39 Si Cheng Road, Tian He IBD, Guangzhou 510663, China Tel: +86-20-23380888 Fax: +86-20-23380800

 $\label{lem:composition} E-mail: mail@southsurvey.com & export@southsurvey.com & impexp@southsurvey.com & euoffice@southsurvey.com & http://www.southinstrument.com & evoffice@southsurvey.com & evoffice@southsu$