



GDL - 02

Digital Level



- High Accuracy 1.5mm
- Trigger Key Function
- Clear 4-line illuminated TFT display
- Magnetic-damped Compensator
- Large memory: 16 MB (20,000 points)
- Rugged IP54 dust & water protection



Software

Seamless Transfer with Various Data Formats

Station/turn	SD Length	AccHeight/ht length	SD Diff	d	HeightDiff
1	35.2335	35.2335	0.1135	0.1135	
2	54.682	89.9165	-0.262	-0.1485	
3	48.915	138.8305	-0.937	-1.0855	
4	35.088	173.9185	-0.458	-1.5435	
5	37.096	211.5080	-0.8915	-2.2350	
6	55.139	266.2470	-0.721	-1.5540	
1	55.1430	55.1430	-0.7300	-0.7300	
2	37.1975	92.3405	0.5835	-0.1465	
3	35.1025	127.4430	0.4855	0.3390	
4	48.9055	176.3485	1.0975	1.4365	
5	54.6470	230.5955	0.2240	1.6605	
6	35.2170	266.2125	-0.3260	1.3345	

Precision Analysis & Report

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



Digital Level GEOMARQ GDL-02



Specifications

Item		GDL-02
Height Accuracy (standard deviation for 1km double run leveling)	Digital Reading	1.5mm
	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	0.1mm/1mm
	Distance	0.1/1cm
Measuring Time		Within 3s 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	>±12'
	Accuracy	0.50"/1'
Battery	Operating Time	16 hours
Data Storage	Storage	16MB (20000 Points)
	Point Name	Increasing/Decreasing/Customized
	Connection	USB
Circular vial Accuracy		8'/2mm
Display		128*32dpi LCD with illumination
Working Temperature		-20°C~50°C
Dimension		230mmX150mmX210mm
Weight		2.5kg
IP Standard		IP54

Invar Staff GSI-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

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