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# Digital Level

## DL Series Digital level

### Easy

With the DL series, taking measurements is remarkably simple. Just aim the telescope at the staff, adjust the focus, and press a single key. The unit measures the height and distance simultaneously.

### Fast

Measurement is completed within 3 seconds in normal condition. Displays of measurements are also carried out with remarkable speed. The DL delivers unprecedented efficiency in completing all measurement tasks.

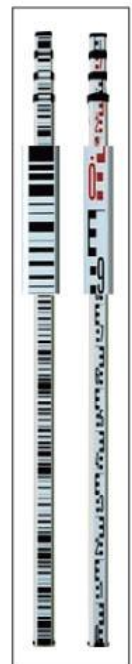
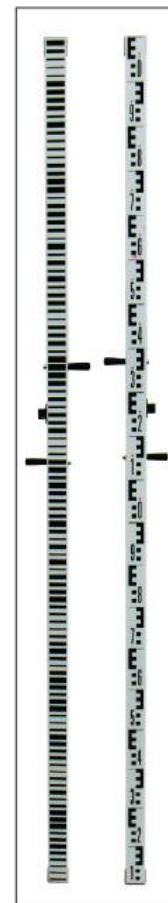
### Accurate

Because it takes measurement automatically, the DL enables accurate measurements by any operator, with no experience necessary. Automatic operation eliminates conventional errors arising from misreading or variant results depending on the operator.



### Specification:

Model No.:		DL-202	DL-2007
Height accuracy*	Digital reading	1.5mm	0.7mm
<small>Standard deviation for 1km double run leveling</small>	Optic reading	2.0mm	2.0mm
Distance accuracy <small>(D=measuring distance, unit:m)</small>	Digital reading	up to 10m: within ±10mm 10 to 100m: Dx 0.1%	
Distance range	Digital reading	1.5m -100m	1.5m - 105m
Minimum display	HD	1mm/0.5mm	1mm/0.1mm
	Distance	0.1/1cm	0.1/1cm
Measuring time		within 3 seconds in normal condition	
Telescope	Magnification	32X	32X
	Resolving power	3"	3"
	Field of view	1° 20'	1° 20'
	Multi-constant	100	100
	Add-constant	0	0
Compensator	Type	magnetic-damping	
	Range	>±12'	>±12'
	Accuracy	0.5"/1'	0.30"/1'
Data storage	Storage	16MB	16MB
	Connection	mini-B	USB
	External storage		SD card
Circular vial accuracy		8'/2mm	8'/2mm
Auto power off		5minutes/off	5minutes/off
Horizontal dial	Graduation	1°	1°
LCD display with illuminator		128x32dpi	160x64dpi
Working temperature		-20°C - 50°C	
Dimension		230mm(L)x150mm(W)x210mm(H)	
Weight		2.5kg	



USB interface



SD card function

Fiberglass code staff Aluminum code staff

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