

# DL15

## DIGITAL LEVEL

Essential Accuracy for Everyday Work



### PRACTICAL FIELD DESIGN

DL15 features a compact, lightweight body with an ergonomically designed handle and textured grip, providing ease of use and stability during operation. The integrated bubble mirror is built into the upper housing, enhancing viewing range and leveling accuracy. This durable and user-oriented structure ensures dependable performance across basic construction or engineering sites.

### CONSISTENT & USER-FRIENDLY

With a digital height accuracy of 1.5 mm and a dual-resolution display of 1 mm or 0.1 mm for height differences, DL15 delivers reliable results for general leveling tasks. The simplified electronic interface enables automatic reading and recording, helping users avoid manual reading errors and streamline their daily workflows with greater confidence.

### EASY TRANSFER & EFFICIENT OUTPUT

DL15 supports internal data storage and direct data export via USB cable, enabling quick and convenient transfer. Its 3-second measurement cycle accelerates fieldwork efficiency, while its smart barcode system allows accurate readings even with partial staff obstruction. Combined with a high-contrast LCD screen and intuitive controls, DL15 offers dependable performance for everyday survey jobs.

## GENERAL SPECIFICATIONS

Height Accuracy (standard deviation for 1km double run leveling)	- Digital reading: 1.5 mm - Optical reading: 1.5 mm
Distance Accuracy	- D≤10m: 10mm; - D>10m: D*0.001
Distance Range	1.5m - 105m
Minimum Display	- Height difference: 1mm/0.1mm - Distance: 0.1cm
Measuring Time	Within 3s in normal condition

## TELESCOPE

Magnification	32x
Resolving Power	3"
Field of view	1°30'
Multiplication	100
Additive constant	0

## COMPENSATOR

Compensator type	Magnetic-damped
Working range	±12'
Accuracy	0.5"/1'

## DATA STORAGE

Storage	16 MB
Point Name	Increasing
Connection	USB

## CIRCULAR VIAL HORIZONTAL CIRCLE

Accuracy	8'/2mm
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## HORIZONTAL CIRCLE

Graduation Value	1°/1gon
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## DISPLAY

Display	128*32dpi LCD with illumination
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## BATTERY

Operating Time	16 hours
Automatic power off	5 min off

## PHYSICAL & ENVIRONMENTAL

Dimension	230mm×150mm×210mm
Weight	2.5kg
Working temperature	-20°C ~ +50°C
Waterproof & Dustproof	IP54

All specifications are subject to change without notice.

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