



actual size

# DIGITAL LASER DETECTOR



Operation Test Passed

Automatic  
Rotating Laser

# MJ-300

MJ-250 / MJ-500

# Clear numbers bring a reliable result.

## Features

Digital Laser Detector  
**D-RE**

### ◆ DIGITAL READOUT

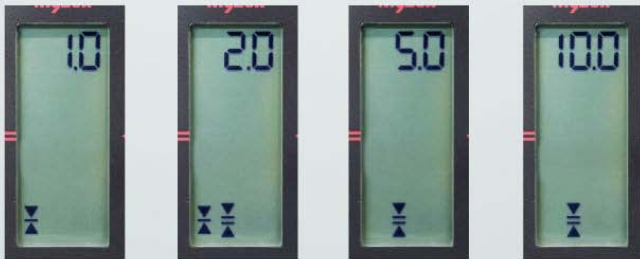
The readout is displayed on the large front and rear displays and shows exactly how far the elevation is from on-grade.

Accurate measurements can be made without moving the rod clamp, saving time and increasing productivity.



### ◆ SELECTABLE ACCURACY

Selectable 4 grade accuracies from precise 1mm to rough 10mm. When the highest accuracy is required, it is accurate to 1 mm accuracy.



1.0mm > 2.0mm > 5.0mm > 10.0mm

### ◆ WIDE DETECTIVE WIDTH

90mm wide sensing field receives laser without fail, and leads to speedy work.

### ◆ VARIETY OF LASERS

D-RE accepts almost rotating lasers. Rotating laser is often used at a huge open area. If the users have 2 detectors, they will work efficiently.

D-RE is the best used as a second detector.

Name of each part



- ① Magnet
  - ② LED(Yellow): Higher than datum point
  - ③ LED(Green): Datum point
  - ④ LED(Red): Lower than datum point
  - ⑤ Marking notch / Center line
  - ⑥ Laser receiving window
  - ⑦ Tubular level
  - ⑧ Fixing screw hole for the clamp
  - ⑨ Display
  - ⑩ Battery cover
  - ⑪ Beeper
  - ⑫ Buttons
- Power    LED  
 Volume    Accuracy

Contents



- Detector D-RE
- Clamp D-RC (with circular level)
- AA alkaline battery
- Manual

Specifications

Detective width	90mm (-30mm ~ 60mm)
Numeric readout height	80mm (-25mm ~ 55mm)
Detective angle	±45°
Detectable wavelength	450nm ~ 800nm
Working range	1m ~ 300m radius (when using MJ-300)
Accuracy	±1.0 / ±2.0 / ±5.0 / ±10.0mm
Beeper volume	High (>100dBA) / Low (>75dBA) / Off
Auto power off	30min. w/o last key or event
Marking notch	41mm from top edge
Dimensions	135mm × 69mm × 25mm
Weight	approx.175g (excluding battery)
International protection	IP67 (Dust & waterproof)
Power supply	AA battery × 1
Battery life	approx.45 hours
Operating temperature	-20°C ~ +70°C
Storage temperature	-40°C ~ +70°C

※Please ask for compatible laser level models.

Code No.	Product Name	Model
221958	Digital Laser Detector with Clamp	D-RE/D-RC
221959	Digital Laser Detector	D-RE
221960	Clamp for D-RE	D-RC

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