



# LR-G200 Integrated Rebar Scanner

- High-resolution touch screen
- Working hours are up to 24 hours
- Professional data processing platform
- Multiple scanning modes



## Introduction

The LR-G200 integrated rebar detector uses a multi-coil layout. The coils are charged by current pulses at regular intervals, thereby generating a magnetic field. When conductive materials enter the magnetic field, eddy currents are generated on their surfaces, which induce a reverse magnetic field. The instrument measures the voltage changes that occur as a result. It is mainly used to detect the position, distribution and orientation of rebars in concrete structures, as well as the thickness of the protective layer and the diameter of the rebars. It is mainly used to detect the position, distribution and direction of rebar, thickness of concrete cover and diameter estimation of rebar in reinforced concrete structures.

## Technical advantages

- The host sensor is integrated design and adopts a high-precision grating sensor, and the scanning displacement and rebar spacing are more accurate.
- The adoption of a high-power transmitting coil and a combination of multiple small coils for detection results in higher precision and stronger resolution.
- Support multi-level stirrup correction, the detection result is more accurate.
- Support large and small range detection, provide various scanning modes to meet the needs of different detection environments.
- Adopts 3.2-inch color LCD display with higher resolution and better display effect.

## The detection page display

The interface consists of four main screens:

- Main Menu:** Includes icons for Detection, Display, Settings, and Deleting.
- Settings:** Includes icons for Power, Sounds, Date, Scan, System, and Cancel.
- Rebar Scanning:** Includes icons for Quick, Profile, Grid, Find, Image, and Cancel.
- Data Display:** Shows a table of detected rebar data.

Obj.	Type	Quick
0002	Diameter	16 mm
0004	Depth	25 mm
0005	Dis.	656 mm
0006	Points	4
0007	Elig.	100%
0007	Date	2023.1.13

Navigation buttons: pgUp, pgDn, slit, Modify, Cancel