

HC-GY62 Rebar Detector

DESCRIPTION

The HC-GY62 Integrated Rebar Scanner is a portable intelligent non-destructive testing device. It is used to detect the location of rebar, the thickness of the concrete cover, the orientation, and the distribution of rebar within reinforced concrete structures. It can also detect magnetic and conductive bodies in non-magnetic and non-conductive media.

KEY FEATURES

- **New Appearance Design:** Compact size, lightweight, and easy to carry.
- **Thickness Detection Mode:** Cover layer accuracy up to 0.1 mm, supports dual-channel AD value prompts on the left and right, and automatic center reading.
- **JGJ Detection Function:** Achieves single-point re-measurement, automatically generates on-site measurement point thumbnails, and meets the testing requirements of detection regulations.
- **Built-in Low-power Bluetooth Chip:** Connects to the Hichuang Data Platform APP for real-time data upload.
- **PC Support for Bluetooth Data Transfer:** More convenient data reading, reducing the wear of the host USB port and extending its lifespan.
- **Built-in High-capacity Lithium Battery:** Low-power design, with a working duration of approximately 24 hours after a full charge.
- **Vertical Laser Positioning:** Real-time display of rebar position and adjacent rebar centerlines, with multiple reminders from the aiming frame and indicator lights for convenient rebar location and coring.
- **Professional Data Processing and Analysis Software:** Capable of generating 3D models, and easy data analysis, processing, and report printing/export.



TECHNICAL SPECIFICATIONS

Parameter	Index
Rebar Diameter Setting Range (mm)	Ø 6 to Ø 50
Measurement Range (mm)	First Range: 1 to 120
	Second Range: 5 to 210
Maximum Allowable Error for Cover Thickness (mm)	±1: 1 to 80
	±2: 81 to 120
	±4: 121 to 210
Diameter Estimation Mode	Available
Data Transfer Mode	USB cable, PC Bluetooth reading
Power Supply	18650 rechargeable lithium battery, with a working duration of ≥24 hours
Screen Size	2.8-inch color LCD (320x240 pixels)
Storage Capacity	1,000 components (100,000 measurement points)
Bluetooth	Bluetooth 5.2

COMPONENTS



Main Unit of the Detector



Power Adapter and USB Cable



Bluetooth Adapter



Carrying Case