

# WF-GY71T

## Integrated rebar detector

### APPLICATION FIELD

The WF-GY71T rebar detector is a portable intelligent non-destructive testing equipment used to detect the construction quality of reinforced concrete structures. It can detect the thickness of the protective layer of steel bars in reinforced concrete structures such as walls, tunnels, and bridges, and locate the position of the steel bars. The trend and distribution can also be used to detect magnetic and electrical conductors in non-magnetic and non-conductive media.



### STANDARDS COMPLICANT

GB 50010-2010, GB 50204-2015,  
GB/T50344-2019, JGJ/T152-2019,  
DB11/T365-2016, GBT/50784-2013,  
JJF1224-2009



### FEATURES

- ✦ High-resolution color touch screen, support full-screen touch interactive operation, convenient and efficient to use.
- ✦ The thickness of the steel bar protection layer, the position and spacing of the steel bar are displayed on the same screen, and the automatic identification of whether the thickness value meets the design value is supported.
- ✦ Innovative synchronization display, remote control of the host and real-time synchronization of data, to avoid accidents caused by climbing and falling, and detection is more efficient and safe.
- ✦ Optimized the rebar judgment algorithm in the waveform scanning mode to improve the recognition ability of dense rebars, and the thickness of the protective layer is more accurate.



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### FEATURES

- ✦ The thickness detection mode is upgraded, the accuracy of the protective layer is 0.1mm, the left and right dual-channel AD value prompts are supported, and the center automatically reads.
- ✦ Horizontal and vertical laser positioning, real-time display of steel bar position and adjacent steel bar centerline, multiple reminders of aiming frame and indicator light, convenient for steel bar positioning and drilling and core.
- ✦ Support multiple detection modes suitable for different special measurement environments, including stirrup avoidance detection, reverse correction detection, reverse value detection, concave surface detection and convex surface detection.
- ✦ JGJ detection automatically generates thumbnails of on-site measurement points, and customizes the detection sequence;
- ✦ Support remote instrument software upgrade, enjoy convenient service support, PC-side software driver-free installation, data processing and report generation can be easily completed.

### TECHNICAL PARAMETER

Function		Parameter
Rebar diameter setting range		Φ6~Φ50mm
Range	The first range	1~120mm
	The second range	5~210mm
Maximum allowable error	±1mm	1~80mm
	±2mm	81~120mm
	±4mm	121~210mm
Applicable range of diameter estimation		Φ6~Φ50mm
Maximum error of diameter estimation		±1mm
Screen size		2.8-inch color LCD screen (320x240 pixels)
Storage quantity		2500 components stored
Power supply		Large capacity lithium battery(2pc)

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### PRODUCT CONFIGURATION

1. Rebar detector
2. Power adapter, USB cable
3. Extension rod
4. Synchronize display
5. Standard test block
6. U disk, battery, Bluetooth adapter
7. Instrument package
8. Instrument suitcase

