

JW-GY71

Integrated Rebar Scanner



Features

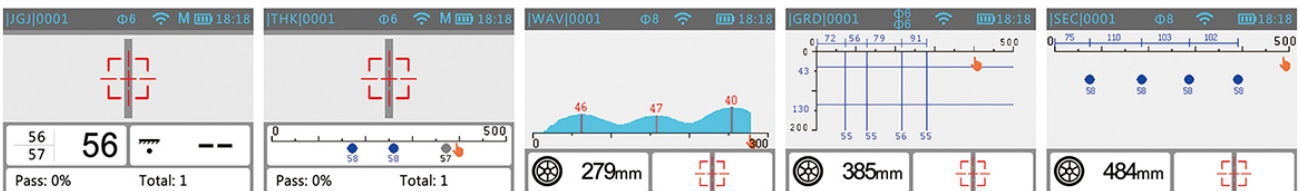
- Investigation depth could reach 180mm
- Single comprehensive probe.
- Peak scanning
- Automatic identification of rebar positions
- Laser positioning
- Automatic reading spacing of bars
- Machine software is complete. The report could be printed automatically connecting with computer
- Grid scan of the rebar position
- Profile scan of the rebar position

Technical Specification

Bar diameter application range(mm)	Φ6 - 50	
Maximum permissible error of Bar diameter	≤±1	
Cover thickness measuring range		
The first measuring range (mm)	2 - 100	
The second measuring range (mm)	2 - 200	
The maximum error of cover thickness		
	The first measuring range (mm)	The second measuring range (mm)
	1 - 59	5 - 80
	60 - 90	80 - 120
	90 - 105	121 - 205
		≤±1
		≤±2
		≤±4

Standard Delivery

Main unit, Software	1
USB connecting cable	1
Power Charger	1
Manual	1
Warranty card	1
Carry case	1



JGJ Scanner

Cover thickness detection

Wave detection

Grid detection

Profile detection



JW-120X

Rebar detector



Application Range

1. Testing the location, distribution, direction, and diameter of the rebar and the thickness of cover in concrete structure projects.
2. Inspecting and accepting concrete structural construction quality.
3. Evaluating the quality of construction.
4. Establishing the location of rebar for drilling, cutting and coring operations.
5. Testing the distribution and direction of electric cables, pipelines and metalwork inside walls and floors.
6. Testing the quantity of rebar when evaluating and developing the old structure, such as installation of furniture and air-condition.

Features

- ◆ The high resolution LCD display: 128 x 128 pixels;
- ◆ The intuitive operation and handheld ergonomic design with good durability;
- ◆ Accurately detect the location of the rebar;
- ◆ Help extend life of drill and avoid damage when drilling and coring;
- ◆ The multi coil structure design with high speed, high precision and high resolution;
- ◆ The built-in high capacity lithium battery, low power consumption, standby for no less than 20h.

Technical Specifications

Items	Technical Spec.
Diameter Measuring Range (mm)	$\Phi 6 \sim \Phi 50$
Measuring Range (mm)	Location Range: 1~120 First Range: 1~60 Second Range: 30~120
Thickness Measuring Accuracy (mm)	1~40 ± 1
	41~60 ± 2
	61~80 ± 3
	81~100 ± 5
Rebar Location Accuracy	101~120 ± 8
	1~60 ± 3
Rebar Location Accuracy	61~120 ± 6
	Diameter Measuring Modes
JGJ Measurement	Optional
Data Storage	Optional
Off Time	Automatic
Power Supply	Rechargeable Lithium Battery
Working Temperature	$-10^{\circ}\text{C} \sim +42^{\circ}\text{C}$
Size (mm)	170×78×38
Weight (kg)	0.28

GW50(+)

Rebar Locator



Features

- Investigation depth could reach 180mm
- Single comprehensive probe. No need to replace during test.
- Back-lit screen let instrument can be normal used under the condition of insufficient light
- Machine software is complete .The report could be printed automatically connecting with computer
- Grid scan of the rebar position
- Profile scan of the rebar position

Work Environment Condition

No strong alternating electromagnetic field

No corrosive gas in the air.

Avoid larger vibration and impact

Avoid the LCD panel contact with sunlight directly

Product Usage

Testing concrete cover thickness

Test concrete member internal reinforcement position, rebar spacing, reinforcement position distribution.

Estimation bar diameter

Detection of Cable and Plumbing pipe

Technical Specification

Bar diameter application range(mm)	Φ6- 50	
Maximum permissible error of Bar diameter	≤ ±1	
Cover thickness measuring range		
The first measuring range (mm)	6 - 90	
The second measuring range (mm)	7-180	
The maximum error of cover thickness		
The first measuring range (mm)	The second measuring range (mm)	
6 - 59	7 - 79	≤ ±1
60 - 69	80 - 119	≤ ±2
70 -90	120 - 180	≤ ±4
Standard Delivery		Optional Accessory
Main unit, Software	1	Scan car
USB connecting cable	1	Car cable
Probe	1	
Probe cable	1	
Manual	1	
Warranty card	1	
Carry case	1	

XS-100

Rebar Corrosion System



Features

1. Easy to operate, fast and accurate read. The result is displayed with numbers or graphics.
2. Displays rebar corrosion degree with 9-level grey or colorful graphics
3. Measured data is inputted to PC software from USB interface.
4. Easy to operate, have concise software interface, have powerful analytical processing, can obtain testing report directly.

Brief introduction

XS-100 rebar corrosion system is NDT instrument which tests rebar corrosion in the concrete structure. Using electrochemistry method, do the functions for corrosion detection, data analysis, storage and output etc. It is a detection instrument which is handed, measurement accurately and easy to use.

Standard Delivery

Main Unit	1
Signal transmission line	2
Lateral device	1
USB connecting cable	1
Clamp	4
Manual	1
Software	1
Carry case	1

Technical Specification

Number	Items	SPEC
1	Potential electrode	Φ37X127mm
2	Electrode weight	200g
3	Power supply	Alkaline cell X 6
4	Potential measurement range	±1999mv
5	Test Accuracy	1mv
6	Distance of test point	0 - 1000mm
7	Available capacity	50000 test points, 5000 test areas
8	Work temperature range	-10°C - 40°C
9	Size	220×145×60mm

GX50B

Rebar Locator&Corrosion System



Features

Integrated functions of rebar position test , concrete cover test, rebar diameter test rebar scan and rebar corrosion degree test into one product.

Product Usage

Testing concrete cover thickness
 Test concrete member internal reinforcement position, rebar spacing, reinforcement position distribution.
 Estimation bar diameter
 Detection of Cable and Plumbing pipe
 Detection of steel corrosion extent

Standard Delivery

Main unit	1
Clamp	4
Test probe	1
Probe car	1
Lateral device	1
Probe car connecting line	1
Probe connecting line	1
Signal transmission line	1
Carry case	1
Software	1
Instruction manual	1
USB connecting cable	1

Specification of Rebar Locator

Bar diameter application range(mm)	Φ6- Φ50	
Maximum permissible error of Bar diameter	≤ ±1	
Cover thickness measuring range		
The first measuring range (mm)	6 - 90	
The second measuring range (mm)	7 - 180	
The maximum error of cover thickness		
The first measuring range (mm)	The second measuring range (mm)	
6 - 59	7 - 79	≤ ±1
60 - 69	80 - 119	≤ ±2
70 - 90	120 - 180	≤ ±4
Work temperature °C	-10 - +40	
Relative humidity RH	< 90%	
Power supply	Alkaline cell X 6	

Specification of Rebar Corrosion System

Measuring Potential	±1999mV
Test accuracy	± 1mV
Measuring Space	1-99 cm (adjustable)
Ambient Temperature	-10°C~+40°C
Environment Requirement	to avoid direct exposure to the sun for a long time.
Relative Humidity	<90%RH
Electromagnetic Interference	no strong alternating electromagnetic field
Distance of test point	0-1000mm
Available capacity	50000 test point 5000 test areas