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Integrated Rebar Scanner

Field of use

- Testing the Location, distribution, direction, and diameter of the rebar and the thickness of concrete cover in concrete structure projects such as bridges, tunnels, walls etc. Detecting Ferro magnets in non-ferromagnetic media.
- Evaluating the quality of construction
- Evaluating the integrity and the durability of existing structures.
- Testing the quantity of rebar when evaluating and developing the old structure
- Testing the distribution and direction of electric cables and plumbing inside walls and floors.

Technical specifications

item		Specifications
Protective layer thickness range(mm)		Φ6 ~ Φ50
Max range (mm)	First range	2 ~ 100
	Second range	2 ~ 200
Maximum allowed error for protective layer	±1 (mm)	2 ~ 60
	±2 (mm)	61 ~ 80
	±3 (mm)	81 ~ 90
	±4 (mm)	91 ~ 133
	±5 (mm)	134 ~ 169
	±6 (mm)	170 ~ 200
Applicable range (mm)		Φ6 ~ Φ50
Test accuracy (mm)		0.1
JGJ scan		√
Signal scan		√
Profile scan		√
Grid scan		√
Image scan		√
Three-dimensional imaging		√
Scan range		borderless
Data correction		√
Data transmission		Wi-Fi/usb
Screen		320×240
Power		Built-in battery
Size (mm)		240×93×110
Weight (kg)		0.67
Probe		Integrate



Features

- The host and the sensor is integrated, operation is conveniently and quickly ;
- The location of rebar, spacing, the thickness of the protective layer with screen display ;
- 3.5 inch transfective color LCD screen are clearly visible in bright outdoor or indoor and in the dark ;
- The multi-coil design, faster speed, higher accuracy, stronger resolution ;
- The three-dimensional imaging function, can clearly reproduce measured steel distribution inside the body;
- Chinese simplified, traditional Chinese, English, Japanese can freely switch.

Software interface

