

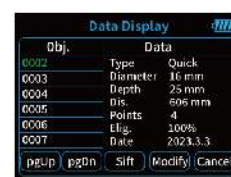


LR-G200 Integrated Rebar Scanner

Langry LR-G200 integrated rebar scanner 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 >>>

- ◆ Support large and small range detection, the scanning distance is up to 65m, provide various scanning modes to meet the needs of different detection environments.
- ◆ Equipped with a capacitive touch screen, human-computer interaction is more convenient.
- ◆ Support multi-level stirrup correction, the detection result is more accurate.
- ◆ The host sensor is integrated design and adopts a high-precision grating sensor, and the scanning displacement and rebar spacing are more accurate.



Technical parameters >>>

Name		Technical indicators
Application range of rebar diameter		Φ6-Φ50
Maximum range (mm)	First range	1~105
	Second range	1~205
Max. allowable deviation on concrete cover depth	±1 (mm)	1~80
	±2 (mm)	81~120
	±3 (mm)	121~160
	±4 (mm)	161~205
Applicable range on diameter estimate (mm)		Φ6-Φ50
Max. deviation on diameter estimate		±1 specification
Display accuracy on diameter estimate (mm)		0.1

Performance indicators on LR-G200 integrated rebar scanner			
Quick scanning	Yes	image scanning	Yes
Fine scanning	Yes	3D imaging	Yes
Profile scanning	Yes	Range of scanning	Unbounded
Grid scanning	Yes	Mode of data transmission	Bluetooth or USB
Data correction	Yes	Laser positioning	3 wire
Way of power supply	Lithium battery	Touch screen operation	Yes
Instrument weight	880g	Screen lattice	320x240
Screen size	3.2"	Instrument size	235x120x130