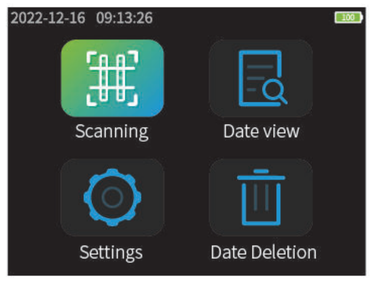
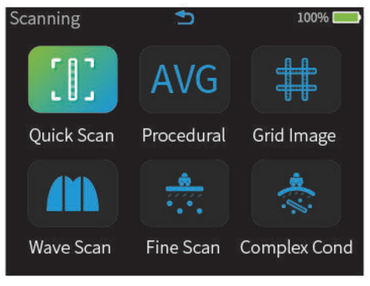
LR-G300 Integrated Rebar Scanner

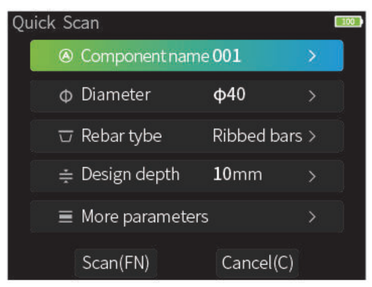
Langry LR-G300 integrated rebar scanner is mainly used to detect the position, distribution and direction of rebar, thickness of concrete cover and diameter estimation of rebar in reinforced concrete structures.

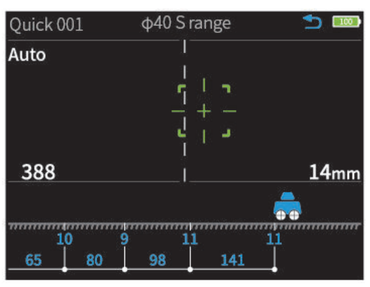
Technical advantages

- Equipped with a new high-precision sensor, the thickness of the protective layer can be accurate to 0.1mm, and it supports multiple stops stirrups and main reinforcements are corrected, and the test results are more accurate.
- Plug-in battery compartment, can be quickly replaced, standard dual power, longer battery life.
- Support a variety of detection modes under complex working conditions: exclude stirrup detection, concave detection and convex detection.
- Equipped with a synchronized display and wirelessly controlled host, for synchronization of the detection screen and data, making it easier for overhead detection.









Technical parameters

Name		Technical indicators
Application range of rebar diameter		Φ6-Φ50
Maximum range (mm)	First range	1~120
	Second range	1~210
Max. allowable deviation on concrete cover depth	±1 (mm)	1~80
	±2 (mm)	81~120
	±3 (mm)	121~160
	±4 (mm)	161-210
Applicable range of diameter estimation (mm)		Φ6-Φ50
Max. deviation of diameter estimation		±1 specification
Display accuracy of diameter estimation (mm)		0.1

Performance indicators on LR-G300 integrated rebar scanner			
Quick scan	Yes	Complex operating conditions	Yes
Fine scan	Yes	3D image	Yes
Profile scan	Yes	Range of scanning	Unbounded
Grid image	Yes	Mode of data transmission	Bluetooth or USB
Data correction	Yes	Laser positioning	4 wire
Way of power supply	Lithium battery	Touch screen operation	Yes
Instrument weight	650g	Screen lattice	640x480
Screen size	3.5”	Instrument size	210x95x120