

LR-G150 Rebar Scanner



STANDARDS :

DIN 488

ASTM A 615/A 615M-01b

CAN/CSA-G30,18-M92

GB 50012-2002

PRODUCT FEATURES:

LR-G150 Rebar Scanner is a portable intelligent NDT instrument mainly used in the structural inspection of reinforced concrete. It can accurately detect the concrete cover depth and the diameter of the rebar on the surface of the reinforced concrete, and precisely analyze the distribution of rebars. It can also detect the direction and distribution of ferromagnetic and conductive bodies in non-ferromagnetic media.

1. The host has a stylish appearance and is ergonomically designed for prolonged use;
2. With dual function and two operating modes, the probe can be used alone or in combination with the trolley;
3. The host is configured with full-color touchable LCD screen and clear UI for easy interactions;
4. It is configured with super large capacity Li-on rechargeable battery, and the battery compartment is pluggable, maintaining longer service life;
5. With high-power solid transmitting coil, it has a strong anti-interference

- ability and higher detection accuracy;
6. It adopts innovative high-precision linear Hall sensors for higher detection accuracy in rebar spacing ;
 7. The upgraded stirrup correction function supports the simultaneous correction of stirrup spacing and diameter and improves the measurement accuracy of protective layer thickness;
 8. The professional computer software enables intelligent analysis and automatically generates the test reports.

SPECIFICATIONS

Name		Technical index
Application range of rebar diameter		Φ6-Φ50
Maximum range (mm)	First range	6-90
	Second range	6-190
Max. allowable deviation on concrete cover depth	±1(mm)	6-80
	±2(mm)	81-120
	±3(mm)	121-140
	±4(mm)	141-190
Application range on diameter estimation		Φ6-Φ50
Max. deviation on diameter estimate		±1 specification
Display accuracy on diameter estimate (mm)		0.1
Power supply		Li-on rechargeable battery