



INTEGRATED REBAR SCANNER

Standard : BS 1881-204

The Rebar Scanner is a portable intelligent non-destructive testing instrument. It is used in the structural inspection of reinforced concrete. Ability to carry out accurate testing on measuring depth of rebar cover and diameter of rebar on the surface of reinforced concrete and ability to analyse distribution of the rebar. The ergonomics design, make it easy to use for long hours. The host is equipped with touchable full colour LCD Screen , 854 x 480 with clear interface.

Features

Ability of testing concrete rebar scanner :-

- Large capacity rechargeable battery (6400mAh).
- High detection accuracy.
- High precision linear hall sensor for rebar spacing detection.
- Support stirrup spacing and diameter correction to improve the measurement accuracy of concrete cover depth.
- Professional PC software with intelligent analysis.
- Storage up to 5000 objects and 500,000 measuring point data.
- High power solid transmitting coil for strong anti-interference.

Technical Specifications :

Model Number	NL 4041 X / 004
Applicable Range	Ø6mm ~ Ø50mm
Protective Layer Thickness Range	First Stage : 2 - 100 mm, Second Stage : 2 - 200 mm
Max. Allowable Deviation on Concrete Cover Depth	±1 (mm) : 6 - 80 ±2 (mm) : 81 - 120 ±3 (mm) : 121 - 160 ±4 (mm) : 161 - 200
Max. Deviation on Dia. Estimate	±1 spec
Display Accuracy on Dia. Estimate	0.1 mm
Battery Lifetime	38 Hours
Power	Built in Charge ble Lithium Battery
Mode Data Transmission	Bluetooth or USB
Dimension and Weight	235mm (L) x 120mm(W) x 130mm (H) / 1kg

*1 Copy of Manual Instruction



Set Consists Of :

Model Number	Description	Qty
NL 4041 X / 004 – P 001	Integrated Rebar Scanner	1set
NL 4041 X / 004 – P 002	Communication Data Line	1no.
NL 4041 X / 004 – P 003	Charger	1no.
NL 4041 X / 004 – P 004	USB Drive	1no.
NL 4041 X / 004 – P 005	Instrument Package Bag	1no.
NL 4041 X / 004 – P 006	Vibration Proof Case	1no.