

GX50B

Rebar Locator&Corrosion System



Features

Integrated functions of rebar position test , concrete cover test, rebar diameter test rebar scan and rebar corrosion degree test into one product.

Product Usage

Testing concrete cover thickness
 Test concrete member internal reinforcement position, rebar spacing, reinforcement position distribution.
 Estimation bar diameter
 Detection of Cable and Plumbing pipe
 Detection of steel corrosion extent

Standard Delivery

Main unit	1
Clamp	4
Test probe	1
Probe car	1
Lateral device	1
Probe car connecting line	1
Probe connecting line	1
Signal transmission line	1
Carry case	1
Software	1
Instruction manual	1
USB connecting cable	1

Specification of Rebar Locator

Bar diameter application range(mm)	Φ6- Φ50	
Maximum permissible error of Bar diameter	≤ ±1	
Cover thickness measuring range		
The first measuring range (mm)	6 - 90	
The second measuring range (mm)	7 - 180	
The maximum error of cover thickness		
The first measuring range (mm)	The second measuring range (mm)	
6 - 59	7 - 79	≤ ±1
60 - 69	80 - 119	≤ ±2
70 -90	120 - 180	≤ ±4
Work temperature °C	-10 - +40	
Relative humidity RH	< 90%	
Power supply	Alkaline cell X 6	

Specification of Rebar Corrosion System

Measuring Potential	±1999mV
Test accuracy	± 1mV
Measuring Space	1-99 cm (adjustable)
Ambient Temperature	-10°C~ +40°C
Environment Requirement	to avoid direct exposure to the sun for a long time.
Relative Humidity	<90%RH
Electromagnetic Interference	no strong alternating electromagnetic field
Distance of test point	0-1000mm
Available capacity	50000 test point 5000 test areas