

# REBAR LOCATION AND CORROSION MEASURING SYSTEM GX50B

Rebar location and corrosion measuring system GX50B is designed for locating and or scanning of rebar in concrete and measure depth, identify rebar size, rebar diameter & corrosion in concrete before drilling and before core test or to find out physical condition of building, structures, roads & highways etc.

## APPLICATION

- ⊙ Testing concrete cover thickness;
- ⊙ Test concrete member internal reinforcement position, rebar spacing, reinforcement position distribution;
- ⊙ Rebar corrosion.

## TECHNICAL SPECIFICATIONS

REBAR DETECTION		CORROSION DETECTION	
Applicable steel-bar diameter	dia.6mm dia.50mm	Measuring Potential	1000mV;
Tested range of concrete cover thickness	Low range:6mm 90mm;	Measuring accuracy	1mV
	High range:7mm 180mm	Measuring space	1-99 cm (adjustable)
Tested range of Steel-bar diameter	dia.6mm dia.50mm	Environment Requirement	Ambient Temperature:-10℃+40℃, to avoid direct exposure to the sun for a long time.
Permissible error of Steel-bar diameter	1 grade		Relative Humidity:<90%RH;
Working environment	Temperature: -10℃+40℃ Dampness:<90%RH EMI: no Strong electromagnetic field		Electromagnetic Interference: no strong alternating electromagnetic field.
Power supply	6 dry cells, work more than 30 hours	Power supply	6 dry cells, work more than 30 hours

