

# Steel-bar Location and Corrosion Tester

Product name : **Steel-bar Location and Corrosion Tester**

Item : **R71**

Details :

## Application

R71 Steel-bar Location and Corrosion Tester, incorporating functions such as rebar diameter, distribution, the thickness of concrete cover, and corrosion for concrete.

## Specification

- Multifunction instrument**, its function include steel-bar diameter, distribution, concrete backing thickness, and corrosion test.
- Grid and section scan mode**. Instrument can display steel-bar distribution and scan steel-bar without concrete size limited.
- Automatic measure environmental temperature**, instrument design to contain a measure environmental temperature module, it can measure, record, display environmental temperature quickly no thermometers required.
- Can save test date. This is convenient for laborer data management**
- Real USB transmission, Data can be transmitted to computer for future process and analysis.**
- Powerful data process and analysis software in windows, Software can display analysis result by spectrum and isoline. Test data can be export to word or Excel easily.**

## Technical Parameter

Applicable steel-bar diameter	Φ6mm~Φ50mm		
Tested range of concrete backing thickness	Low test range: 6mm~90mm; High test range: 7mm~180mm		
Permissible error		Low test range	High test range
	±1	6~59	7~79
	±2	60~69	80~119
	±4	70~90	120~180
Tested range of steel-bar diameter	Φ6mm~Φ50mm		
Permissible error of steel-bar diameter test	±1 grade		
Applicable environmental	Temperature: -10°C~+40°C ; Dampness: <90%RH EMI: no Strong electromagnetic field		
Power supply	Batteries: 6 dry cells, work more than 30 times		

### Steel-bar Corrosion Test Parameter

Test range	±2000mV	testing accuracy	±1mV
Test point distance	1～99cm setting		
Applicable environmental	Temperature: -10℃～+40℃ ; Dampness: <90%RH EMI: no Strong electromagnetic field		
Power supply	Batteries: 6 dry cells, work more than 30 times		