

HC-X6 Rebar Corrosion Detector

DESCRIPTION

Assess the likelihood of rebar corrosion in concrete to eliminate safety hazards caused by rebar corrosion in engineering.

TECHNICAL SPECIFICATIONS

Technical TECHNICAL SPECIFICATIONS

Display Screen	5-inch color LCD
Data Storage	2,000 components
Measurement Point Spacing	1 to 100 cm
Environmental Temperature	-10°C to 40°C
Power Supply	Lithium battery 7.4V 25.16Wh, with an operating time of over 48 hours
Host Dimensions	Volume 190x125x47.5 (mm), Weight 635g
Electrode Dimensions	φ36 (mm)

Corrosion Detection Technical TECHNICAL SPECIFICATIONS

Measurement Range	-1000mV to 1000mV
Measurement Resolution	0.1mV
Measurement Accuracy	±1mV

Resistivity Detection Technical TECHNICAL SPECIFICATIONS

Measurement Range	0 to 2000kΩ·cm
Measurement Resolution	0.1kΩ·cm
Measurement Accuracy	±1kΩ·cm (FS)

Operating Environment Requirements

Environmental Temperature	-10°C to 40°C, avoid prolonged direct sunlight
Relative Humidity	≤90% RH
Electromagnetic Interference	No strong alternating electromagnetic fields



KEY FEATURES

- 5-inch high-definition color LCD screen: Simple operation, with results displayed in both digital and graphical formats.
- Combines three detection methods: Corrosion half-cell potential measurement, potential gradient measurement, and concrete resistivity measurement for enhanced functionality.
- Transparent copper-sulfate electrode casing: Facilitates observation of the copper sulfate solution's condition.
- Real-time environmental temperature recording: Convenient for temperature compensation to eliminate the impact of ambient temperature.
- Professional PC data processing software: Features powerful analysis and processing capabilities, capable of generating inspection reports.

COMPONENTS



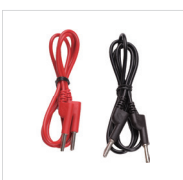
Main Unit of the Detector



Copper Sulfate Electrode



Metal Crocodile Clips
(Black, Red)



Connecting Cables
(Black, Red)



Black Extension Cable
Box (4 meters)



Resistivity Detection
Connecting Cable



Data Cable, Power
Adapter



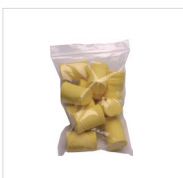
Resistivity Calibration
Scale, Connecting Rod



Resistivity Detection
Electrode



Copper Sulfate Crystals



Resistivity Electrode
Conductive Sponge



Copper Sulfate Electrode
Conductive Sponge



Carrying Case