

REBAR CORROSION TESTER

Concrete Corrosion Testing

The Rebar Corrosion Tester is specialized apparatus, it is designed according to the electrochemical testing method (natural potential method) of "construction testing technical standard". The steel corrosion on the structure of concrete reduces the effective section area of steel and increases in volume, which leads to the expansion of concrete, spalling, reinforcement of steel and concrete, and the reduction of bearing capacity, directly affect the safety and durability of concrete structure.

Features :

- High detection accuracy (accuracy of corrosion voltage is ± 0.1 mv)
- The test result are displayed in hierarchical graphics
- Two working modes of single and double electrode

Technical Specifications :

Model Number	NL 4049 X / 001
Alternate Code	ZBL-C310A
Accuracy	0.1 mV
Power	Built in chargeable lithium battery, standby time >40 hours
Data Storage	234 points
Screen	160 mm x 128 mm LCD
Electrode Size	Ø 30 mm x 180 mm
Test Area	234 m ²
Size	212 mm x 134 mm x 50 mm
Weight	0.9 kg

Unit Consists Of :

Model Number	Descriptions
NL 4049 X / 001 - P001	Control Kits
NL 4049 X / 001 - P002	Electrode
NL 4049 X / 001 - P003	Signal Wire
NL 4049 X / 001 - P004	Waterproof case

