



### Brief Introduction

- TC600 rebar corrosion detector is designed for assessing the corrosion of the reinforced concrete structure and components by half-cell potential method, the electrode is passed over the surface of the concrete and the potential voltage difference is recorded, then the corrosion of rebar is assessed.

### Features

- Non-destructive testing the corrosion in rebar
- Detection of the corrosion condition of the rebar accurately and conveniently by field potential measurement
- Possibility to store, view, delete data and transfer all readings to PC with USB interface and serial port
- Faster and more accurate processing of data, resenatation of test area and reading as numbers or graphics
- Display of measurement values in 9 grey-scale or colorful graphics
- Permanent copper/copper sulphate reference electrodes to measure electrical potentials

# TC600

REBAR CORROSION  
DETECTOR

### Standard Delivery

•Main unit	1	•Measuring tape	1
•Electrode	2	•AA battery (LR6)	6
•Signal cable	2	•Shoulder strap	1
•USB connecting cable	1	•Instruction manual	1
•RS232connecting cable	1	•TIME certificate	1
•Connecting bar	1	•Warranty card	1
•Extension cable	1		
•Clamp	1		
•Hygrothermograph	1		

### Technical Specification

Measuring method	Potential measurement	
Measuring range	±1000mv	
Resolution	1mv	
Memory	Mass storage	
Space between testing points	1~100cm adjustable	
Interface	RS232 and USB	
Power supply	AA batteries (LR6)×6	
Operating temperature	-10℃~+40℃	
Relative humidity	<90%RH	
Dimensions	Main unit	210mm×153mm×90mm
	Probe	Ø30mm×120mm
Weight	Main unit	880g
	Probe	100g