



TIME TC600 Rebar Corrosion Detector



The TIME TC600 Rebar Corrosion Detector is designed for assessing the corrosion of a reinforced concrete structure and components using the half-cell potential method. The electrode is passed over the surface of the concrete, and the potential voltage difference is recorded, assessing the corrosion of the rebar.

Features

- Non-destructive testing of the severity of the rebar corrosion.
- Use Field potential measurement to accurately detect the corrosion condition of the rebar.
- Store, view, delete and transfer readings to your PC with USB- and serial ports.
- Process your data as graphics or numbers, improving accuracy and efficiency.
- Display your measurements as grey-scale or full-colour graphics
- Permanent Copper/Copper Sulphate reference electrodes that can measure electrical potentials.

Technical Specifications

Model	TIME TC600 Rebar Corrosion Detector
Measuring method	Potential measurement
Measuring range	$\pm 1000\text{mv}$
Resolution	1mv
Memory	Mass storage
Space between testing points	1-100cm adjustable
Interface	RS232 and USB
Power supply	AA batteries (LR6) $\times 6$
Operating temperature	-10 - 40°C
Relative humidity	<90% RH
Dimensions	Main Unit: 210mm \times 153mm \times 90mm Probe: $\Phi 30\text{mm} \times 120\text{mm}$
Weight	Main Unit: 880g Probe: 100g

Packing List

Main unit
2 x Electrode
2 x Signal cable
USB connecting cable
RS232 connecting cable
Connecting bar
Extension cable
Clamp
Hygrothermograph
Measuring tape
AA battery (LR6) & Shoulder strap
Instruction manual, TIME certificate & Warranty card