



TIME Rebar Detector TC110



TC110 is used to detect the thickness of concrete covering layer and rebar diameter. Besides, it can detect the location of magnetic substance and electric and electric conductor in non-magnetic and non-conductive medium, e.g. cable inside wall body and water & heating pipe etc. it is a kind of intelligent nondestructive test equipment possessing the functions of automatic detection, data memory and output.

Features

- Acceptance inspection of cover after formwork is removed
- Locate rebars to avoid them when drilling holes
- Provide essential data (location, cover, diameter of rebars) for strength calculations of reinforced concrete structures
- Measuring concrete cover thickness
- Quality assurance in mass production of fabricated concrete elements
- Measuring the thickness of concrete over steel reinforcement and metal pipes
- Signal strength bar display and sound alarm for high accuracy
- Real time graphic output both to screen and printer
- Data processing software compatible with windows 95/98/2000/Me/WT/XP
- Auto calibration, correct the system error
- Three scan modes for TC110:grid pattern, profile scan and large area scan
- For TC110: direct display grid and profile image of rebars

Technical Specifications

Covering layer thickness measuring range	Range 1		
	6mm-90mm		
	Range 2		
	7mm-200mm		
Rebar diameter measuring range	Ø6mm- Ø50mm		
Tolerance of covering layer thickness	Range 1	Range 2	
	±1mm:	6mm-59mm	7mm-79mm
	±2mm:	60mm-69mm	80mm-119mm
	±4mm:	70mm-90mm	120mm-180mm
Display	Large graphic display with backlight		
Operating temperature	-10°C~40°C		
Relative humidity	<90%		
Dimension (mm)	210 x 153 x 90		
Weight (g)	880		



Packing List

Main unit

Transducer

Software

Signal cable

Shoulder strap

Connecting cable

Scanning trolley

AA battery

Key

TIME certificate

Warranty card

Instruction manual
