

# REBAR LOCATOR TC100



**TC100** is used to detect the thickness of concrete covering layer and rebar diameter. Besides it possess the function of detecting the location of magnetic substance and electric conductor in non-magnetic and non-conductive medium. It is a kind of intelligent nondestructive test equipment possessing the function of automatic detection, data memory and output.

## REBAR LOCATOR TC100

### Features

- Measuring the thickness of concrete over steel reinforcement and metal pipes
- Detect the rebar location and diameter
- Large graphic display with backlight
- Signal strength bar display and sound alarm for accuracy reading
- Depth of covering layer reach up to 180mm
- 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 mode: grid scan, profile scan and large area scan

### Technical Specification

Covering layer thickness measuring range	Range :6mm~90mm		
	Range : 7mm~180mm		
Rebar diameter measuring range	Ø6mm~ Ø50mm		
Tolerance of covering layer thickness	Range	Range	
	± 1mm	6mm~59mm	7mm~79mm
	± 2mm	60mm~69mm	80mm~119mm
	± 4mm	70mm~90mm	120mm~180mm
Operating temperature	-10 ~ 40		
Relative humidity	<90%		

### Standard Delivery

Main unit	1	Key	2
Transducer	1	Instruction manual	1
Signal cable	1	TIME certificate	1
Shoulder strap	1	Warranty card	1
AA battery ( LR6 )	6		