



REBAR LOCATOR

Rebar Locator is a light weight, handy and durable non-destructive testing device for detecting the rebar location, diameter and concrete cover thickness in building, bridge and other construction site i.e., concrete structures such as walls, columns, beam & slabs etc.

It has a color display, soft touch buttons, easy holding handle and four-wheels fitted with encoder for measuring the travel distance.

This integrated Rebar Locator is the correct tool at any construction site to detect and locate any metallic utilities cables, rods etc. It can also be used for drilling / cutting holes or core in any structure or it's member.

Rebar Locator is also known as Rebar Detector, Cover Meter or Rebar Scanner etc.

INTELLITEST'S REBAR LOCATOR FULFIL ALL THE MAJOR STANDARDS

► BS 1881-204:1988

► DIN1045

The Rebar Locator is an electromagnetic device for measurement of rebar / reinforcement location, diameter and concrete cover thickness that works on eddy current induction principle. Its detection sensor has Multiple Coils, so that, it is not influenced by concrete composition and humidity. The Integrated Rebar Locator has four wheels fitted with encoder to measure the travel distance and show the reinforcement map automatically.

The new digital circuit stores, transfer and analyse the test data in real time. It measures the parameters very accurately and precisely.

Specifications

Model	: ITND1100		
Type of Device	: Non-Destructive		
Display Type	: LCD Color Display		
Data Transfer	: USB		
Storage Capacity	: 2,00,000 measuring points		
Rebar Diameter Measuring Range	: Ø6 ~ Ø50 mm		
Cover Measuring Range	: 5 ~ 185		
Cover Thickness Accuracy	: 5 ~ 59 mm	±1	
	: 60 ~ 79 mm	±2	
	: 80 ~ 99 mm	±3	
	: 100 ~ 185 mm	±4	
Working Temperature	: -10 °C ~ +42°C		
Battery Backup	: ≥ 16h		
Battery	: 2000 mAh Li		
Dimension	: 219 x 92 x 106 mm		
Display Size	: 72 x 44 mm (320 x 240 pixels)		
Weight	: ≤ 600 Grams		
Warranty	: 12 Months		

Rebar Diameter & Cover Co-Relation:

Range	Small (mm)	Large (mm)
Ø6 ~ Ø8	1 ~ 60	5 ~ 100
Ø10 ~ Ø18	1 ~ 80	5 ~ 120
Ø20 ~ Ø28	1 ~ 80	5 ~ 140
Ø32 ~ Ø50	1 ~ 80	5 ~ 185

Features

- ▶ Real time visual indication.
- ▶ Rebar Detection with icon.
- ▶ Auto Display Off when not in use.
- ▶ Automatic collection of Data to make Rebar Detection more efficient.
- ▶ Identify the mid-point between rebars as well as the orientation of rebars.
- ▶ LCD color display screen where information can be clearly seen in the bright light outside & the dark tinside.
- ▶ Optical and beep alert for rebar location and minimum cover.
- ▶ Four wheel fitted in encoder with high-strength wear-resistant tires, which is easy to protect the wear & tear of the device.
- ▶ Professionally designed standard calibration test block.

The kit includes

- ▶ Rebar Locator
- ▶ USB Cable
- ▶ Charger
- ▶ Carry Bag
- ▶ Software CD
- ▶ Operating Instructions
- ▶ Battery Installed In Device




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