



Rebarscope Advanced System for Rebar Location and Bar Size Determination

The James Rebarscope is the digital version of a classic rebar locator/finder which enables the user to not only locate reinforcement bars but also determine rebar depth and the rebar size. The Rebarscope rebar locator is also capable of locating non ferrous metals as well such as copper, aluminium, some stainless steels, wire, and more!

Applications

- Structural Engineers
- Rebar Mapping
- Rebar Network Analysis
- Utility Mapping

Features & Benefits

- Eddy current sensor design for greater accuracy with built in temperature compensation, no need to zero the sensor.
- Single sensor for all depth ranges.
- Separate sensor and main instrumentation unit to scan difficult to access area's.
- Locates rebar, post tension cable, conduit, and copper pipe.
- Rugged and splash resistant case. Daylight visible display.
- Optional Scan Cart™ logs distance data as well as location of rebar.
- Locates up to 8" (200 mm) deep. Determines bar size up to 4.5" (115 mm) deep.
- Conforms to ACI 318, BS 1881 Part 204, DIN 1045, CP 110, EC 2, SIA< 162, DGZfP B2.



Rebarscope Complete System - Inc Scan Cart and Software

R-C-475 SCAN CART UPGRADE includes the following: Scan Cart, 2 Extension Rods, 12ft Cable, Scanning Software. Turns your Basic Unit into a complete system (R-C-410).

Rebarscope Basic Unit with Software

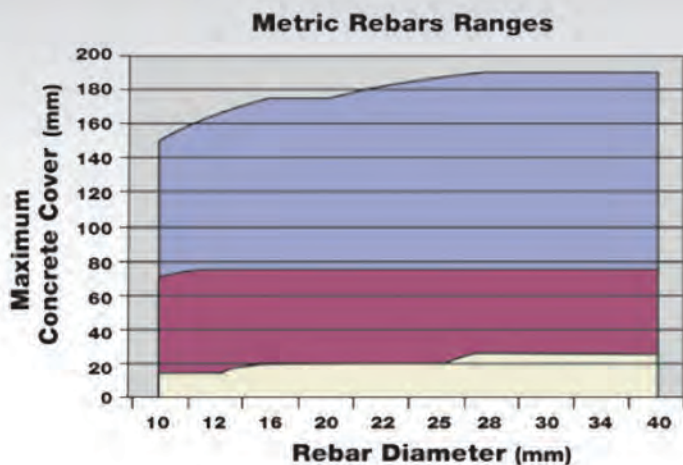
R-C-450 BASIC UNIT WITH SOFTWARE includes the following: Main Unit, Probe, 8ft Cable, Sizing Template, Charger, Headphones, RS-232 Cable, and Basic Software.

Rebarscope Basic Unit - No Software

R-C-400 BASIC UNIT includes the following: Main Unit, Probe, 8ft Cable, Sizing Template, Charger, and Headphones



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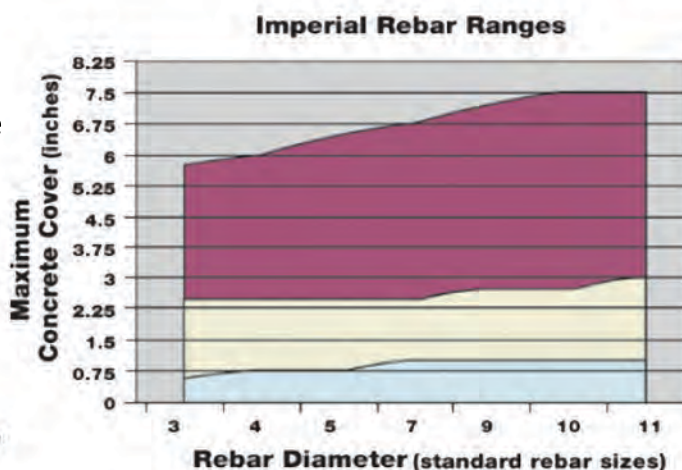


The eddy current sensor is specifically designed to react to the outer surface of the metal object. It is uninfluenced by small metal particles in the concrete, whether the concrete is fresh or hardened, wet, or dry. The eddy current sensor also allows the unit to locate both ferrous as well as non-ferrous metals in concrete and other non-metallic construction materials. This sensor has also been designed with temperature compensation circuitry as well.

The temperature compensation circuitry not only improves accuracy and performance but allows the operator to use the equipment without a "zero" procedure first. As always only one sensor is required for all depth ranges and functions of the equipment.

The microprocessor can also statistically analyze the data, searching automatically for minimum cover points, and the least cover of a group of points.

- Deepmode**
- Shortmode**
- Bar Too Close**



A Cover Map or display of cover points as a symbolic map of a structure can assist the user in finding problematic areas. Built in memory can store over 80 thousand individual data points for later processing.

Specifications

Main Unit

- Weight: 5.4lbs 2.5Kg
- Size: 10.63" L x 9.68" W x 4.88" H (27cm x 24.5cm x 12.4cm)
- LCD Size: 320 x 240 pixels
- LCD Dim.: 3.5" L x 4.65" H (8.9cm x 11.8cm)
- Recharging Voltage: 18v
- Memory Capacity: 80 thousand data points
- Battery Life: 4 - 6 hrs continues run time
- Probe Dimensions
- Weight: 1 lb 0.45Kg
- Size: 5" L x 2.4" W x 1.6" H (12.7cm x 6cm x 4.1cm)



Scan Cart Dimensions

- Weight: 1 lb 0.45Kg
- Size: 8.25" L x 5.6" W x 2.25" H (20.1cm x 14.2cm x 5.7cm)
- Maximum Scan Length: 48 ft. 14.6m



WEB
www.accurate.net.nz



CALL FREE
0508 222 872



EMAIL
sales@accurate.net.nz