



The James Rebar Datascan

The James Rebar Datascan is a sophisticated reinforcement bar locator with an easy to read liquid crystal display.

Features and Benefits

- Reinforcement bar cover can be detected to a maximum depth of 12 inches (300 mm) by reading directly from the high legibility liquid crystal display.
- Analog meter on probe facilitates rapid and easy location of rebars.
- Fast scanning of large areas is enhanced by an audible output via head phones.
- Optional memory stores over 1000 cover readings for later down-loading to a personal computer.
- Calibration for rebars and high tensile steel tendons is available in both U.S. and metric sizes.
- The probe meter can be preset to react to any rebar within that value, ignoring those outside the range.
- Conforms to BS-1881-204.

Technical Specifications



Specifications

Dimensions:	Height – 2¼ inches (7 cm.) Depth – 6 inches (15 cm.) Width – 5½ inches (14 cm.)
Operating weight:	3 – pounds (1.36 kgs.)
Total weight in carrying case:	10 pounds (4.5 kgs.)
Display:	2 X 16 characters, high visibility .22” highliquid crystal dot matrix. The LCD also displays battery voltage.
Power Source:	Internal rechargeable batteries with external battery charger.
Battery Life:	Approximately 8 hours for a 16 hour recharge period.
Normal calibrated Bar sizes:	Numbers 3, 5, 7, 9, 11, and metric sizes 40, 32, 25, 16, and 10.
Tendon Sizes:	5/16 (8 mm.), 3/8 (10 mm.), 7/16 (11 mm.), 1/2 (12 mm.), 9/16 (14 mm.)
Operating Temperature:	32° - 104°F (0° - 40°C)
Charging Temperature:	18° - 104°F (10° - 40°C)
Audible Output:	Tone change detectable for a ¾ inch bar (20 mm.) at 12 inches (300 mm.) depth.
Measurement Range Accuracy Under Ideal Conditions:	± 2% up to depth of 6 inches (150 mm.) ± 5% above 6 inches (150 mm.)
Bar size accuracy:	± 10% to an 8 inch (200 mm.)

Sales Numbers

R-C-4974	Rebar Datascan complete with Head Phones in Carrying Case.
R-C-4232	RS-232 Adapter and Memory Chip.
R-C-4995	Battery Charger
5-056-10570-000	Battery

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