Elcometer 331²

The Elcometer 331² Covermeter with Half-Cell allows users to identify the location, orientation, depth and diameter of rebar, as well as the potential for corrosion, all in one easy-to-use gauge.

The gauges store concrete cover and Half-Cell readings side by side in their extensive memories. The powerful Covermaster software completes the inspection package, making it versatile and cost-effective. The Elcometer 331² gauges are designed with intuitive menus in multiple languages and are rugged and waterproof to IP65, making them tough enough to work in harsh environments.

The Elcometer 331² can store up to 240,000 readings across 1,000 batches of both cover and Half-Cell measurements on the same gauge. A backlit graphic display clearly shows grid and linear batches, graphic plots, statistics and numerical readings aiding on-site survey progress.

Fully interchangeable search heads allows quick changes on site. This enables switching between measuring average cover thickness and a range of bar sizes, to locating tendon ducts and multiple layers of rebar lying up to 100 cm deep within the concrete.

Enquiry: sales@elcometer.com

Classical rebar locator

The R-Meter MK III from James Instruments is a classic rebar locator featuring the latest in electronics and pulse induction technology. The newly designed sensor features extreme accuracy and ruggedness, as well as easy to read large display, compact lightweight probe and rugged, splash resistant case. It is built to take on the rough and tough construction environment.

The R-Meter MK III can determine location of a #11 rebar up to 8 in. It can determine bar size to a depth of 4.5 in, depending on the bar size and spacing. With the optional scan cart, operators can cover large areas in a short period of time. The R-Meter MK III software also allows operators to download and map out the bar location and size to their PCs.

Enquiry: info@james.com

Light, rugged ACT

Acoustic Concrete Tester (ACT) from Pile Dynamics is a light, precise and rugged instrument that determines the thickness of concrete pavements, slabs, retaining walls, and foundation footings. The ACT uses sophisticated pulse echo technology to take the uncertainty out of concrete thickness determination.

ACT users can place two probes on the structure to be tested and touch the ACT screen. The ACT electronically generates a broadband pulse that includes all frequencies required to accurately determine the thickness of the structure. The structure responds to its natural frequency, and its thickness is then promptly displayed. The ACT works in elements as thin as 7.5 cm and as thick as 1 m and does not require concrete coring.

Enquiry: info@pile.com