

P120 Rebar Rebar Locator



The Elcometer P120 Rebar Locator, is perhaps the easiest and fastest way of detecting reinforcing bars in concrete.

Widely used before coring or drilling holes to find "safe spots", the Elcometer P120 will not only indicate the rebar's location and direction but will also give an indication of the depth of concrete cover.

Designed in collaboration with the construction industry, the Elcometer P120 is an accurate, reliable, easy to use steel rebar locating instrument, built to last.

Available in both metric and imperial, the Elcometer P120 is supplied with a 100mm search coil, leather case and batteries.

At a glance

- Low cost gauge used to determine location & orientation of reinforcement bars.
- Optional search heads can be used to locate tendon ducts & rebars at greater depths.
- Provides an approximate indication of the concrete cover above the located rebar.

Features

- Fast, accurate and stable - A loud audio tone and a clear analogue meter for quick accurate scanning. There is no need to keep zeroing the instrument during use.
- High resolution controlled field search head - The strongest signal is in the centre of the search head so the Elcometer P100 is accurate even when working at very close reinforcement bar centres or near metal objects, for example close to scaffolding or metal window frames
- Versatile instrument - Supplied with a standard 100mm head it will also accept the 150mm head and the Borehole probe for locating rebars and locating tendon ducts at great depths (See Borehole Probes)
- Highly directional detection field - The Elcometer P120 can quickly and easily distinguish between horizontal and vertical bars - see diagram below
- Headphone socket - Clearly detect the rebar in noisy environments
- Clear Instrument Panel - High quality meter shows signal strength and battery state

Identification and Orientation of the bar

The Elcometer P120 can distinguish between horizontal and vertical bars.

After locating the steel reinforcement bars in the concrete, rotate the rebar locator's search coil (probe) until the maximum and minimum signals are found.

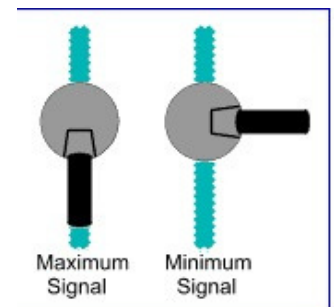
The maximum signal indicates the bar is running parallel to the search coil's handle, the minimum signal indicates that the bar is running at 90° to the search coil's handle - see diagram.



Technical Specifications

Detection Ranges for Single Reinforcement Bars

Rebar Diameter	Detection Depth	Resolution of Parallel Bars
8	120	60mm pitch at up to 35mm
16	140	75mm pitch at up to 50mm
32	160	150mm pitch at up to 85mm



Part Numbers

Model
Elcometer P120/1
Accessories

Description

Elcometer 120 Imp Rebar Plus Locator - Metric
Probe Lead for Elcometer P120
100mm Directional Search Coil for Elcometer P120
150mm Extra-Depth Directional Search Coil for Elcometer P120
Borehole Probe for identification of rebar up to 405mm

Part Number

W 120155I
TW 999165G
TW 999198F
TW 999198E
See Borehole Probes