

Ferrosan system PS 250



Applications

- Rebar verification and analysis
- Checking concrete cover over large areas for structural repair work
- Building acceptance inspections and quality control
- Helps avoid costly rebar hits and damage caused by cutting through structurally significant reinforcement when coring and hammer drilling
- Generation of structural assessment reports including statistics and visual presentation in 2D/3D views of areas of up to 45 x 45 m

Advantages

- Scans large areas of concrete quickly and easily
- Provides accurate depth of cover measurements for reinforcement at depths of up to 100 mm
- Displays a clear 2D image of the reinforcement on the monitor for on-the-spot structural analysis and depth of cover assessment
- Records scan data automatically over lengths of up to 30 metres and up to 9 Imagescans



Technical data

Accuracy of depth measurement for rebar¹⁾	± 1 mm
Accuracy of rebar diameter estimation¹⁾	+/- 1 standard size
Localisation accuracy¹⁾	±3 mm
Max. depth for determining depth of coverage¹⁾	160 mm (at 36 mm rebar diameter)
Max. depth for determining rebar diameter²⁾	60 mm
Max. detection depth for rebar	180 mm (at 36 mm rebar diameter)
IP protection class	IP 54 (IEC 529)
Rebar diameter range	6 - 36 mm
Type of scan	Areas (Imagescan or Blockscan), Quicksan detection, Quicksan recording
Weight (monitor) (incl. battery)	2.3 kg

¹⁾ Performance and accuracy can be significantly affected by site conditions. See operating instructions.
²⁾ Performance and accuracy can be significantly affected by site conditions - see operating instructions



Ordering designation	Package contents	Sales pack quantity	Item number
PS 250	1x Scanner PS 200 S, 1x Battery pack PSA 80, 1x Battery pack PSA 82, 1x Battery charger PUA 80, 1x Battery AA (2) alkaline, 5x Reference grid PSA 10 (MM), 1x Monitor PSA 100, 1x Hand strap, 1x Mains adapter PUA 81, 1x Supply cord EU, 1x Infrared adapter PSA 55, 1x Concrete adhesive tape PUA 90, 1x Marker pen PUA 70 set, 1x PC software PROFIS Ferrosan V5.7, 1x Toolbag PSA 60, 1x Toolbag PSA 61, 1x Case	1 pc	2044439

Please visit our website for the latest item numbers and related products.