



Profometer Rebar Diameter & Cover Meter PM8000 Pro

The cover meter for experts, from rebar detection to area scanning. Precise measurements with unique advanced visualization.



Precision

Sophisticated data interpolation and intelligent auto-mode eliminate error margin



Ergonomics

Compact, ultra light-weight and fully wireless - designed for use in rough environments



Productivity

Instant availability of data analytics and visualization in the field, data synchronization and collaboration



Profometer App

Tech Specs

| | |
|-------------------------|---|
| Measurement Modes | Area Scan* |
| | Multiline Scan* |
| | Line Scan |
| | Spot data import |
| Review Modes | Area scan view* |
| | Multiline scan view* |
| | Line scan view |
| | Signal strength view Statistics |
| Advanced visualization | Heat Map* |
| | Augmented Reality (AR)* |
| | DBV (Deutscher Beton- und Bautechnik-Verein) advanced statistics* |
| Image processing | Auto rebar spacing first rebar layer* |
| | Neighbouring rebar correction first layer |
| | Neighbouring rebar correction second layer |
| | Align rebar positions* |
| Display settings | Concrete cover threshold slider with colour palette |
| On-site annotations | Markers |
| | photos |
| | geolocation voice notes |
| Reporting | Workspace integration |
| | Share via URL |
| | Automatic Logbook |
| | Raw data export Instant report generation |
| Export formats | JPG (Screenshot) |
| | PNG |
| | CSV |
| | HTML |
| Display Unit Specs**: | Latest Apple® iPad recommended (iPad with iOS 13.0 and higher) |
| | Screen size: From 7.9" to 12.9" |
| | Resolution: Up to 2732-by-2048 |
| | Memory: Up to 2TB |
| | Weight: Down to 301 g / 10.6 oz |
| Display Unit Sensors**: | Camera: Up to 12MP Wide and 10MP Ultra Wide |
| | Optional: USB-C, 5G, Face ID |
| | LiDAR Scanner (optional) |
| | Three-axis gyro |
| | Accelerometer |
| | Ambient light sensor |
| | Barometer |
| | Built-in GPS/GNSS |

* PM8000 Pro only

** Depending on iPad model iPad is a trademark of Apple Inc.; iOS is a registered trademark of Cisco in the US and is used by Apple under license



Instrument



Tech Specs

| | |
|-----------------------------------|--|
| Technology | Eddy-current |
| Connection | Wireless |
| Cover Measuring depth | Up to 185 mm / 7.3 in |
| Cover Measuring Accuracy | +/-1 mm / 0.04 in to 4 mm /0.16 in depending on depth |
| Rebar Diameter Measuring Depth | up to 63 mm / 2.5 in |
| Rebar Diameter Measuring Accuracy | +/- rebar size (Possible under optimal conditions. Please refer to the manual) |
| Encoder Accuracy | +/- 0.5mm / 0.02 in + 0.5% of measured length |
| Max Scanning Speed | 0.5m/s - 1.7 ft / s |
| Max Line Scan Distance | 1km / 0.6 miles |
| Max Area Scan | 10'000m2 / 107'000 ft2 |
| Display | High-contrast OLED screen |
| Dimensions | 250 x 130 x 45 mm / 9.8 x 5.1 x 1.8 in (with cart) |
| | 190 x 75 x 45 mm / 7.5 x 3.0 x 1.8 in (without cart) |
| Weight | 690 g / 1.5 lb (with cart) |
| | 300 g / 0.7 lb (without cart) |
| Battery | 2 x AA (NiMH) rechargeable or non rechargeable |
| | Removable |
| | Flight-safe |
| | 8 hours autonomy |
| | USB-C power bank (not included) |



Download on the
App Store

Our Accessories

| Image | PartNumber | Description |
|---|------------|--|
|  | 39222010 | Telescopic rod kit for Profometer PM8000 instruments including the universal tablet holder UTH100 |
|  | 79330345 | Chest harness kit for hands free operation of all iPad app based instruments: GP8000, GP8100, GP8800, PD8050, PM8000, PI8000... |

| Standards & Guidelines | Description |
|------------------------|-------------|
| BS 1881, Part 204 | |
| DGZfP B2 | |
| DIN 1045 | |
| SIA 262-1 | |
| SN 505262 | |
| SS 78-B4 | |
| DBV Guidelines | |

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