



## Profometer Rebar Diameter & Cover Meter **PM8000 Pro**

The world's most compact, versatile and precise cover meter for efficient inspection of concrete structures



### 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



## Software / Workspace App

|                         |                                                                   |
|-------------------------|-------------------------------------------------------------------|
| Measurement Modes       | Area Scan*                                                        |
|                         | Line Scan*                                                        |
|                         | Spot                                                              |
| Review Modes            | Area 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                                                 |
|                         | 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 11.0 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                                   |
|                         | Camera: Up to 12MP Wide and 10MP Ultra Wide                       |
|                         | Optional: USB-C, 5G, Face ID                                      |
| Display Unit Sensors**: | 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



## Processing Unit / Sensor

|                                   |                                                        |
|-----------------------------------|--------------------------------------------------------|
| 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                                         |
| Encoder Accuracy                  | +/- 0.5mm / 0.2 in + 0.2% 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)                        |
|                                   |                                                        |



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