



## 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

<b>Measurement Modes</b>	Area Scan* Line Scan* Spot
<b>Review Modes</b>	Area scan view* Line scan view* Signal strength view* Statistics
<b>Advanced visualization</b>	Heat Map* Augmented Reality (AR)* DBV (Deutscher Beton- und Bautechnik-Verein) advanced statistics*
<b>Image processing</b>	Auto rebar spacing first rebar layer Neighbouring rebar correction first layer* Neighbouring rebar correction second layer* Align rebar positions*
<b>Display settings</b>	Concrete cover threshold slider with colour palette
<b>On-site annotations</b>	Markers photos geolocation voice notes
<b>Reporting</b>	Workspace integration Share via URL Automatic Logbook Automatic Logbook Raw data export Instant report generation
<b>Export formats</b>	JPG (Screenshot) PNG CSV HTML
<b>Display Unit Specs**:</b>	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
<b>Display Unit Sensors**:</b>	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

<b>Technology</b>	Eddy-current
<b>Connection</b>	Wireless
<b>Cover Measuring depth</b>	Up to 185 mm / 7.3 in
<b>Cover Measuring Accuracy</b>	+/-1 mm / 0.04 in to 4 mm / 0.16 in depending on depth
<b>Rebar Diameter Measuring Depth</b>	up to 63 mm / 2.5 in
<b>Rebar Diameter Measuring Accuracy</b>	+/- rebar size
<b>Encoder Accuracy</b>	+/- 0.5mm / 0.2 in + 0.2% of measured length
<b>Max Scanning Speed</b>	0.5m/s - 1.7 ft / s
<b>Max Line Scan Distance</b>	1km / 0.6 miles
<b>Max Area Scan</b>	10'000m2 / 107'000 ft2
<b>Display</b>	High-contrast OLED screen
<b>Dimensions</b>	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)
<b>Weight</b>	690 g / 1.5 lb (with cart) 300 g / 0.7 lb (without cart)
<b>Battery</b>	2 x AA (NiMH) rechargeable or non rechargeable Removable Flight-safe 8 hours autonomy USB-C power bank (not included)



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